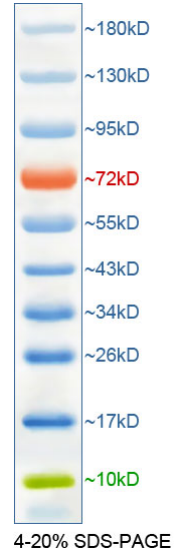


## 彩色预染蛋白质分子量标准(10-180kD)

产品编号	产品名称	包装
P0069	彩色预染蛋白质分子量标准(10-180kD)	600μl

### 产品简介:

- 碧云天生产的彩色预染蛋白质分子量标准(Prestained Color Protein Marker)包含了从10kD到180kD共10种纯化的预染蛋白质, 其中72kD条带为红色, 10kD条带为绿色, 其余条带为蓝色(见右图), 适合作为SDS-PAGE或Western的蛋白质分子量标准。特别适合在Western时使用, 这样在转膜后可以直接清楚地观察到转膜效果。
- 提供了一条鲜艳的红色72kD条带, 有利于快速准确辨认蛋白质分子量标准的条带。
- 共提供了从10kD到180kD共10条条带, 条带较密, 分子量条带范围比较宽广, 更加适合分子量的比对。
- 本彩色预染蛋白质分子量标准已经配制在1X SDS-PAGE上样缓冲液中, 室温融化并混匀后可以直接使用, 无需高温加热或煮沸, 并严禁高温加热或煮沸。
- 根据上样孔的大小, 本彩色预染蛋白质分子量标准通常每次上样3-5微升, 即可在电泳时、电泳后或转膜后观察到非常清楚的蛋白条带。
- 碧云天的各种蛋白分子量标准的比较和选择请参考如下网页:  
<http://www.beyotime.com/support/protein-marker.htm>
- 一个包装的本产品大约可以使用约120-200次。



### 包装清单:

产品编号	产品名称	包装
P0069	彩色预染蛋白质分子量标准(10-180kD)	P0068×3管
—	说明书	1份

### 保存条件:

-20°C保存, 一年有效。4°C保存, 一周内有效。

### 注意事项:

- 本彩色预染蛋白质分子量标准不可在100°C加热或煮沸, 并不得加热至40°C以上。煮沸5分钟会导致约50%的条带发生降解或脱色。
- 本彩色预染蛋白质分子量标准用1X SDS-PAGE上样缓冲液配制, 不适用于非变性PAGE胶。
- 预染蛋白质分子量标准每一批次的分子量大小有所不同, 属正常现象。请参考随产品所附的说明书确定精确的分子量。
- 本产品仅限于专业人员的科学研究用, 不得用于临床诊断或治疗, 不得用于食品或药品, 不得存放于普通住宅内。
- 为了您的安全和健康, 请穿实验服并戴一次性手套操作。

### 使用说明:

1. 上样时根据加样孔的大小每孔上样3-10微升彩色预染蛋白质分子量标准。
2. 通常电泳至蓝色的溴酚蓝基本上到达凝胶底部或预染分子量标准充分展开时停止电泳。
3. 对于彩色预染蛋白质分子量标准, 在电泳时、电泳后或转膜后均可观察到如右上图的清晰条带。

### 相关产品:

产品编号	产品名称	包装
P0061	蛋白质分子量标准(14.4-116kD)	200μl
P0062	蛋白质分子量标准(14.4-116kD)	1ml
P0063	Protein Ladder (10-200kD)	100μl
P0066	预染蛋白质分子量标准(19-117kD)	200μl
P0067	预染蛋白质分子量标准(19-117kD)	1ml
P0068	彩色预染蛋白质分子量标准(10-180kD)	200μl
P0069	彩色预染蛋白质分子量标准(10-180kD)	600μl
P0071	BeyoColor™彩色预染蛋白分子量标准(6.5-270kD)	200μl
P0072	BeyoColor™彩色预染蛋白分子量标准(6.5-270kD)	600μl

P0075	BeyoColor™彩色预染蛋白分子量标准(10-170kD)	200μl
P0076	BeyoColor™彩色预染蛋白分子量标准(10-170kD)	600μl
P0077	BeyoColor™彩色预染蛋白分子量标准(10-170kD)	3ml
P0078	BeyoColor™彩色预染蛋白分子量标准(15-120kD)	200μl
P0079	BeyoColor™彩色预染蛋白分子量标准(15-120kD)	600μl
P0080	BeyoColor™彩色预染蛋白分子量标准(15-120kD)	3ml

## 使用本产品的文献：

- Cai H, Yin D, Zhang L, Yang X, Xu X, Liu W, Zheng X, Zhang H, Wang J, Xu Y, Cheng D, Zheng M, Han Y, Wu M, Wang Y. Preparation and biological evaluation of 2-amino-6-[18F]fluoro-9-(4-hydroxy-3-hydroxy-methylbutyl) purine (6-[18F]FPCV) as a novel PET probe for imaging HSV1-tk reporter gene expression. *Nucl Med Biol.* 2007 Aug; 34(6):717-25.
- He M, Tang WX, Jiang R, Zhang N, Cha L, Fan J, Wang ZW. Differential Expression of DNMTs Between Gastric Tissues with and without H. Pylori Infection. *Chin J Biochem Mol Biol.* 2011;27(11):1032-8.
- Xie P, Pan L, Xu W, Yue F. The roles of serine protease, intracellular and extracellular phenoloxidase in activation of prophenoloxidase system, and characterization of phenoloxidase from shrimp haemocytes induced by lipopolysaccharide or dopamine. *Chinese Journal of Oceanology and Limnology.* 2013 Sep; 31(5):1018-1027.
- Chen X, Wang H, Ou-Yang XN, Xie FW, Wu JJ. Research on drug resistance mechanism of trastuzumab caused by activation of the PI3K/Akt signaling pathway. *Contemp Oncol (Pozn).* 2013;17(4):363-9.
- Wang HJ, Tan YZ. Methods for assessing effects of Wnt/ $\beta$ -catenin signaling in senescence of mesenchymal stem cells. *Methods Mol Biol.* 2013;976:111-30.
- Liao W, Sun L, Wang C, Huang H, Liu J, Liao W, Shi M. LC3A-positive "stone-like" structures predict an adverse prognosis of gastric cancer. *Anat Rec (Hoboken).* 2014 Apr;297(4):653-62.
- Cai C, Zhao D, Ma C, Zhang Y, Wu X, Wei G, He D. Connexin 43 expression in Sprague-Dawley rat seminiferous epithelium after in utero exposure to flutamide. *Syst Biol Reprod Med.* 2014 Oct;60(5):257-62.
- Liu G, Song Y, Cui L, Wen Z, Lu X. Inositol hexaphosphate suppresses growth and induces apoptosis in HT-29 colorectal cancer cells in culture: PI3K/Akt pathway as a potential target. *Int J Clin Exp Pathol.* 2015 Feb 1;8(2):1402-10.
- Zhu MY, Lin D, Liu J, Mo HY. Artesunate interfere in modulation of Foxp3 expression in synovial cells in collagen-induced arthritis rats. *Chin J Inteqr Med.* 2016 Jun 28:1-7.
- Gong T, Wei Q, Mao D, Shi F. Expression patterns of taste receptor type 1 subunit 3 and  $\alpha$ -gustducin in the mouse testis during development. *Acta Histochem.* 2016 Jan;118(1):20-30.
- Li L, Li YM, Liu ZL, Zhang JG, Liu Q, Yi LT. The renal protective effects of Anoctochilus roxburghii polysaccharose on diabetic mice induced by high-fat diet and streptozotocin. *J Ethnopharmacol.* 2016 Feb 3;178:58-65.
- Sui Y, Fu X, Wang Y, Hu W, Zhang T, Liu W, Jiang L, Xing S, Fu X, Xu X. Expression, purification and characterization of a catalytic domain of human protein tyrosine phosphatase non-receptor 12 (PTPN12) in Escherichia coli with FKBP-type PPIase as a chaperon. *Protein Expr Purif.* 2018 Feb;142:45-52.
- Cao W, Zhang J, Wang G, Lu J, Wang T, Chen X. Reducing-Autophagy Derived Mitochondrial Dysfunction during Resveratrol Promotes Fibroblast-Like Synovial Cell Apoptosis. *Anat Rec (Hoboken).* 2018 Feb 20.
- Wu G, Song D, Wei Q, Xing J, Shi X, Shi F. Melatonin mitigates bisphenol A-induced estradiol production and proliferation by porcine ovarian granulosa cells in vitro. *Anim Reprod Sci.* 2018 May;192:91-98.
- Chen C, Chen P, Fang X. The FLC dimer with lambda type may false-migrate to the position of "albumin" band by urine protein electrophoresis on Sebia agarose gel-based detection system. *J Clin Lab Anal.* 2019 Feb;33(2):e22658.
- Geng F, Xie Y, Wang J, Li S, Jin Y, Ma M. Large-scale purification of ovalbumin using polyethylene glycol precipitation and isoelectric precipitation. *J POULT SCI.* 2019 Mar 1;98(3):1545-1550.
- Bai Y, Wang J, He Z, Yang M, Li L, Jiang H. Mesenchymal Stem Cells Reverse Diabetic Nephropathy Disease via Lipoxin A4 by Targeting Transforming Growth Factor  $\beta$  (TGF- $\beta$ )/smad Pathway and Pro-Inflammatory Cytokines. *MED SCI MONITOR.* 2019 Apr 26;25:3069-3076.
- Zhang W, Zheng J, Tian X, Tang Y, Ding G, Yang Z, Jin H. Pepsin-Soluble Collagen from the Skin of Lophius litulo: A Preliminary Study Evaluating Physicochemical, Antioxidant, and Wound Healing Properties. *Mar Drugs.* 2019 Dec 16;17(12). pii: E708.
- Shuang Wu, Tiantian Yang, Kai Cen, Yihuai Zou, Xiaowei Shi, Dongrui Zhou, Yonghong Gao, Limin Chai, Yizhou Zhao, Yikun Sun, Lingqun Zhu. In Vitro Evaluation of the Neuroprotective Effect of Panax notoginseng Saponins by Activating the EGFR/PI3K/AKT Pathway. *Evid Based Complement Alternat Med.* 2020 Jul 31;2020:1403572.
- Xinran Dong, Lin Yang, Kaiyi Liu, Xiaoli Ji, Chuanqing Tang, Wanxing Li, Ling Ma, Yuting Mei, Ting Peng, Ban Feng, Ziyang Wu, Qingyuan Tang, Yanyan Gao, Kai Yan, Wenhao Zhou, Man Xiong. Transcriptional networks identify synaptotagmin-like 3 as a regulator of cortical neuronal migration during early neurodevelopment. *Cell Rep.* 2021 Mar 2;34(9):108802.
- Fengzhen Liu, Xia Zhang, You Peng, Liping Zhang, Yao Yu, Peng Hua, Peiyang Zhu, Xinyu Yan, Yin Li, Liang Zhang. miR-24 controls the regenerative competence of hair follicle progenitors by targeting Plk3. *Cell Rep.* 2021 Jun 8;35(10):109225.

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