

## TMB

产品编号	产品名称	包装
ST746	TMB	250mg

### 产品简介:

- TMB即3,3',5,5'-Tetramethylbenzidine, 中文名为3,3',5,5'-四甲基联苯胺。本TMB为易溶于水的TMB的盐酸形式(TMB dihydrochloride), 分子式为 $[-C_6H_2(CH_3)_2-4-NH_2]_2 \cdot 2HCl$ , 分子量为313.27, CAS Number 207738-08-7, 纯度>98%, 进口分装。
- 本产品为白色或白色略带有黄色或粉色的粉末。溶于含1/3冰乙酸的水溶液, 溶解度为20mg/ml, 溶液颜色为淡黄绿色。
- TMB常用于ELISA等检测过氧化物酶(peroxidase)活性, 是辣根过氧化物酶等过氧化物酶的显色底物。

### 包装清单:

产品编号	产品名称	包装
ST746	TMB	250mg
—	说明书	1份

### 保存条件:

4°C避光保存。

### 注意事项:

- 本产品对人体有刺激性, 操作时请小心, 并注意适当防护以避免直接接触人体或吸入体内。
- 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。

### 使用本产品的文献:

- Hongliang C, Zhou Z, Zhan H, Yanhua Z, Zhongyu L, Yingbiao L, Guozhi D, Yimou W. Serodiagnosis of Chlamydia pneumoniae infection using three inclusion membrane proteins. *J Clin Lab Anal.* 2010;24(1):55-61.
- Chen L, Zhao Q, Wang XL, You R, Zhang YH, Ji H, Lai YS. ZLJ-6, a novel COX/5-LOX inhibitor, attenuates TNF- $\alpha$ -induced endothelial E-selectin, ICAM-1 and VCAM-1 expression and monocyte-endothelial interactions via a COX/5-LOX-independent mechanism. *Vascul Pharmacol.* 2011 Nov-Dec; 55(5-6):135-42.
- Tan M, Wang S, Song J, Jia J. Combination of p53(ser15) and p21/p21(thr145) in peripheral blood lymphocytes as potential Alzheimer's disease biomarkers. *Neurosci Lett.* 2012 May 16;516(2):226-31.
- Wang Y, Loers G, Pan HC, Gouveia R, Zhao WJ, Shen YQ, Kleene R, Costa J, Schachner M. Antibody fragments directed against different portions of the human neural cell adhesion molecule L1 act as inhibitors or activators of L1 function. *PLoS One.* 2012;7(12):e52404.
- Shen J, Wang W, Wu J, Feng B, Chen W, Wang M, Tang J, Wang F, Cheng F, Pu L, Tang Q, Wang X, Li X. Comparative proteomic profiling of human bile reveals SSP411 as a novel biomarker of cholangiocarcinoma. *PLoS One.* 2012;7(10):e47476.
- Li W, Zhou M, Ren H, Hu HM, Lu L, Cao M, Wang LX. Tumor-derived autophagosomes (DRibbles) induce B cell activation in a TLR2-MyD88 dependent manner. *PLoS One.* 2013;8(1):e53564.
- Xie WH, Pang F, Niu YF, Zhang MH, Yang WD, Liu JS, Yan DG, Li HY. Functional characterization of an ACCase subunit from the diatom *Phaeodactylum tricornutum* expressed in *Escherichia coli*. *Biotechnol Appl Biochem.* 2013 May;60(3):330-5.
- Yi L, Wang Y, Ma Z, Zhang H, Li Y, Zheng JX, Yang YC, Lu CP, Fan HJ. Contribution of fibronectin-binding protein to pathogenesis of *Streptococcus equi* ssp. *zooepidemicus*. *Pathog Dis.* 2013 Apr;67(3):174-83.
- Yan R, Sun W, Song X, Xu L, Li X. Vaccination of goats with DNA vaccine encoding Dim-1 induced partial protection against *Haemonchus contortus*: a preliminary experimental study. *Res Vet Sci.* 2013 Aug;95(1):189-99.
10. Lv L, Li K, Xie Y, Cao Y, Zheng X. Enhanced osteogenic activity of anatase TiO<sub>2</sub> film: Surface hydroxyl groups induce conformational changes in fibronectin. *MAT SCI ENG C-MATER.* 2017 Sep 1;78:96-104. (IF 4.959)
11. Yu S, Zhang X, Chen W, Zheng H, Ai G, Ye N, Wang Y. Development of an immunodiagnosis method using recombinant PsCP for detection of *Paragonimus skrjabini* infection in human. *Parasitol Res.* 2017 Jan;116(1):377-385. (IF 2.067)
12. Fan C, Li X, Xiao Z, Zhao Y, Liang H, Wang B, Han S, Li X, Xu B, Wang N, Liu S, Xue W, Dai J. A modified collagen scaffold facilitates endogenous neurogenesis for acute spinal cord injury repair. *Acta Biomater.* 2017 Mar 15;51:304-316. (IF 6.638)
13. Zheng X, Yang X, Li X, Qiu GH, Dai A, Huang Q, Huang C, Guo X. Omp16-based vaccine encapsulated by alginate-chitosan microspheres provides significant protection against *Haemophilus parasuis* in mice. *Vaccine.* 2017 Mar 7;35(10):1417-1423. (IF 3.269)
14. Zhang Y, Xu T, Wu B, Chen H, Pan Z, Huang Y, Mei L, Dai Y, Liu X, Shan X, Liang G. Targeting myeloid differentiation protein 2 by the new chalcone L2H21 protects LPS-induced acute lung injury. *J Cell Mol Med.* 2017 Apr;21(4):746-757. (IF 4.658)
15. Mao L, Li W, Zhou T, Yang L, Hao F, Li J, Zhang W, Luo X, Jiang J. Development of a blocking ELISA for Caprine parainfluenza virus type 3. *J Virol Methods.* 2017 Dec;250:59-65. (IF 1.746)
16. Zhang K, Tan J, Su J, Liang H, Shen L, Li C, Pan G, Yang L, Cui H. Integrin  $\beta 3$  plays a novel role in innate immunity in silkworm, *Bombyx mori*. *Dev Comp Immunol.* 2017 Dec;77:307-317. (IF 3.119)