



碧云天生物技术/Beyotime Biotechnology
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IPTG

产品编号	产品名称	包装
ST098-1g	IPTG	1g
ST098-5g	IPTG	5g
ST098-20g	IPTG	20g
ST098-100g	IPTG	100g

产品简介:

- IPTG即Isopropyl β -D-1-thiogalactopyranoside, 也称Isopropyl β -D-thiogalactoside, 中文名为异丙基- β -D-硫代半乳糖苷。分子式为 $C_9H_{18}O_5S$, 分子量为238.30, CAS Number 367-93-1, Ultra Pure, dioxane free, 纯度>99%。进口分装。
- 本产品为接近白色的粉末。
- 常用分子生物学试剂, 常用于蓝白斑筛选及IPTG诱导的细菌内的蛋白表达等。
- 通常用水配制成0.1M或20%的储备液。

包装清单:

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ST098-1g	IPTG	1g
ST098-5g	IPTG	5g
ST098-20g	IPTG	20g
ST098-100g	IPTG	100g
—	说明书	1份

保存条件:

-20°C保存。

注意事项:

- 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:

1. Chen Y, Xiao JN, Li Y, Xiao YJ, Xiong YQ, Liu Y, Wang SJ, Ji P, Zhao GP, Shen H, Lu SH, Fan XY, Wang Y . Mycobacterial Lipoprotein Z Triggers Efficient Innate and Adaptive Immunity for Protection Against Mycobacterium tuberculosis Infection. *Front Immunol.* 2019 Jan 16 9:3190.
2. Li ZF, Li B, Liu ZG, Wang M, Gu ZB, Du GC, Wu J, Chen J. . Calcium leads to further increase in glycine-enhanced extracellular secretion of recombinant alpha-cyclodextringlycosyltransferase in Escherichia coli. *J AGR FOOD CHEM.* . 2009 Jul 22;57(14):6231-7.
3. Li Z, Gu Z, Wang M, Du G, Wu J, Chen J. . Delayed supplementation of glycine enhances extracellular secretion of the recombinant alpha-cyclodextrin glycosyltransferase in Escherichia coli. *APPL MICROBIOL BIOT.* . 2010 Jan;85(3):553-61.
4. Xiao JN, Xiong Y, Chen Y, Xiao YJ, Ji P, Li Y, Wang SJ, Zhao GP, Cheng QJ, Lu SH, Wang Y. . Determination of Lipoprotein Z-Specific IgA in Tuberculosis and Latent Tuberculosis Infection. *FRONT CELL INFECT MI.* . 2017 Nov 30;7:495.
5. Jin C, Wu X, Dong C, Li F, Fan L, Xiong S, Dong Y . EspR promotes mycobacteria survival in macrophages by inhibiting MyD88 mediated inflammation and apoptosis. *TUBERCULOSIS.* 2019 May 116:22-31.
6. Xiong Y, Yang Z, Zhang J, Li J, Chen P, Xiang Y . Panning using a phage-displayed random peptide library to identify peptides that antagonize the Helicobacter pylori ArsS acid-sensing domain. *MICROB PATHOGENESIS.* 2019 Oct 135:103614.
7. Deng S, Yang C, Nie K, Fan S, Zhu M, Zhu J, Chen Y, Yuan J, Zhang J, Xu H, Tian S, Chen J, Zhao M . Host cell protein PSMB10 interacts with viral NS3 protein and inhibits the growth of classical swine fever virus. *Virology.* 2019 Nov 537:74-83.
8. Li X, Zhou S, Wang Y, Lian H, Zuo A, Zhou K, Tong L, Zhou Z, Gao J . The pilot-scale preparation of the SA-hGM-CSF bi-functional fusion protein. *Bioengineered.* 2019 Dec 10(1):108-120.