碧云天生物技术/Beyotime Biotechnology
订货热线: 400-1683301 或 800-8283301
订货 e-mail: order@beyotime.com
技术咨询: info@beyotime.com
网址: http://www.beyotime.com

碧云天网站 微信公众号

Recombinant PPase, Low Endotoxin

产品编号	产品名称	包装
P7077-100IU	Recombinant PPase, Low Endotoxin	100IU
P7077-250IU	Recombinant PPase, Low Endotoxin	250IU
P7077-5000IU	Recombinant PPase, Low Endotoxin	5000IU

产品简介：

Species	Gene ID	Accession	Source	Length	MW	Tag
—	—	—	*E. coli*	—	—	—

About this protein	
Name	Recombinant PPase, Low Endotoxin (Recombinant PreScission Protease, Low Endotoxin; rPPase, Low Endotoxin)；重组前切割蛋白酶，低内毒素
Synonyms	N/A
Purity	N/A
Biological Activity	N/A
Physical Appearance	Sterile colorless liquid.
Formulation	N/A
Endotoxin	Less than 0.1EU/μg of rPSP as determined by LAL method.
Reconstitution	During cleavage reactions, it is recommended that samples be removed at various time points and analyzed by SDS-PAGE to estimate the yield, purity, and extent of digestion. The amount of PreScission Protease, temperature and length of incubation required for complete digestion of a given GST fusion partner may vary depending on the fusion partner. Optimal conditions for each fusion should be determined in pilot experiments. Digestion may be improved by adding TritonTM X-100, TweenTM 20 or NonidetTM P40 to a concentration of 0.01%. Concentrations of these detergents up to 1% do not inhibit PreScission Protease.
Category	Enzymes
Background	PreScission protease is a cysteine protease derived from human rhinovirus-HRV3C Protease. rPP is a fusion protein of glutathione S-transferase (GST) and human rhinovirus (HRV) type 14 3C protease. It specifically recognizes the amino acid sequences which include the core site of Leu-Phe-Gln-Gly-Pro and cleaves between the Gln and Gly residues. Substrate recognition and cleavage are likely to be dependent not only upon primary structural signals, but also upon the super structures of the fusion protein. rPP works most effective at 4°C and can digest substrates at room temperature as well.
Amino Acid Sequence	N/A

包装清单：

产品编号	产品名称	包装
P7077-100IU	Recombinant PPase, Low Endotoxin	100IU
P7077-250IU	Recombinant PPase, Low Endotoxin	250IU
P7077-5000IU	Recombinant PPase, Low Endotoxin	5000IU
—	说明书	1份

保存条件：

-20°C或更低温度保存，至少一年有效。由于蛋白的每次冻融均会引起部分失活，所以首次配制成相应浓度的储存液后(请根据产品

简介中Reconstitution一栏的信息配制储存液)，须分装后-20°C或更低温度冻存，以避免反复冻融。

注意事项：

- 由于有些塑料管壁对某些蛋白有较强的吸附作用，溶液中的蛋白很容易粘附在管壁上，并且粘附后的蛋白很难与管壁分离。而载体蛋白(Carrier protein，如0.1% BSA等)的主要作用是预先封闭塑料管壁上的蛋白结合位点，使细胞因子或重组蛋白不会粘附于管壁。所以一定要使用产品简介中Reconstitution一栏的信息配制储存液。
- 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. 收到产品后请立即按照说明书推荐的条件保存。除非特别注明，碧云天相关产品均为冻干粉，由于微量的蛋白在冻干过程中沉积在管内，形成很薄或不可见的蛋白层，所以在打开管盖前，我们建议在离心机中约8,000-12,000g离心10-30秒，使附着在管盖或管壁上的蛋白聚集于管底。
2. 请根据实验目的并按照产品简介中Reconstitution一栏中的信息配制储存液。大多数细胞因子或重组蛋白的冻干粉是非常容易溶解的，一般用移液枪的枪头轻吹几下或者轻轻摇晃瓶子，即可使细胞因子或重组蛋白完全溶解。请勿用vortex剧烈振荡，以免蛋白变性而失活。
3. 具体的最佳工作浓度请自行参考相关文献，或者根据实验目的，以及特定细胞和动物，通过实验进行摸索和优化。

Version 2017.02.10