

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

PSMA3, 1-255 aa, Human, His tag E.coli

产品货号: TP03561

第三版

**别名:**Proteasome (prosome, macropain) subunit, alpha type 3, HC8, MGC12306, MGC32631, PSC3.

**描述:**The proteasome is a multicatalytic proteinase complex with a highly ordered ring-shaped 20S core structure. The core structure is composed of 4 rings of 28 non-identical subunits; 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ubiquitin-dependent process in a non-lysosomal pathway.

**配方:**Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol, 1mM DTT, 0.15M NaCl.

**分子量:**30.6 kDa (275aa), confirmed by MALDI-TOF

**序列:**

MGSSHHHHHHSSGLVPRGSHMSSIGTGYDLSASTFSPDGRVFQVEYAMKAVENSSTAIGIRCKDGVVFGVEKLVLSKLYEE  
GSNKRLFNVDRHVGMVAVAGLLADARSLADIAREEASNFRSNGFYNIPLKHLADRVAMYVHAYTLYSAVRPFGCSFMLGSY  
SVNDGAQLYMIDPSGVSYGWYWGCAIGKARQAAKTEIEKLMKEMTCRDIVKEVAKIIVHDEVKDKAFELELSWVGELT  
NGRHEIVPKDIREEEAEKYAKESLKEEDESDDDNM

**纯度:**> 95% by HPLC

**浓度:**1 mg/ml (determined by Bradford)

**内毒素:**<1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.