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PSMA1, 1-263 aa, Human, His tag, E.coli

产品货号: TP03559

第三版

别名: Proteasome subunit alpha type-1 isoform 2, HC2, NU, PROS30.

描述: PSMA1 is a prosomal protein involved in a nonlysosomal ATP/ubiquitin-dependent proteolytic pathway. The protein is a multicatalytic proteinase complex which is characterized by its ability to cleave peptides with Arg, Phe, Tyr, Leu, and Glu adjacent to the leaving group at neutral or slightly basic pH. This protein highly expressed in prostate epithelium. Recombinant human PSMA1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 2mM DTT, 0.15M NaCl.

分子量: 32 kDa (286aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSMFRNQYDNDVTVWSPQGRIHQIEYAMEAVKQGSATVGLKSKTHAVLVALKRAQ
SELAAHQKILHVDNHIGISIAGLTADARLLCNFMRQECLDSRFVDRPLPVSRLVSLIGSKTQIPTQRYGRRPYGVGLLIAG
YDDMGPHIFQTCPSANYFDCRAMSIGARSQSARTYLERHMSEFMECNLNLVKHGLRALRETLPAEQDLTTKNVSIQVIG
KDLEFTIYDDDDVSPFLEGLEERPQRKAQPAQPADEPAEKADEPMEH

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.