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PSMA5, 1-241aa, Human, His tag, E.coli

产品货号: TP03563

第三版

别名: Proteasome subunit alpha type-5, PSC5, ZETA.

描述: PSMA5 (Proteasome subunit alpha type-5) belongs to the peptidase T1A family. The proteasome 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. 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 2mM DTT, 10% glycerol, 100mM NaCl

分子量: 30.5kDa (277aa), confirmed by MALDI-TOF

序列:

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSMLTRSEYDRGVNTFSPEGR LFQVEYAIEAIKLGSTAIGIQ
TSEGVCLAVEKRITSPLEPSSIEKIVEIDAHIGCAMSLIADAKTLIDKARVETQNHWFYNETMTVESVTQAVSNLALQF
GEEDADPGAMSRPFGVALLFGGVDEKGPQLFHMDPSGTFVQCDARAIGSASEGAQSSLQEVYHKSM TLKEAIKSSLIILKQ
VMEEKLNATNIELATVQPGQNFHMFTKKEELEEVIKDI

纯度: > 95% by HPLC

浓度: 0.5mg/ml (determined by Bradford assay)

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.