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PSMA2, 1-234aa, Human, His tag, E.coli

产品货号: TP03560

第三版

别名: Proteasome subunit alpha type-2, HC3, MU, PMSA2, PSC2.

描述: PSMA2, also known as proteasome subunit alpha type-2, 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. PSMA2, belonged to the peptidase T1A family, is a 20S core alpha subunit of proteasome. This protein serves as docking domains for the regulatory particles and exterior gates blocking unregulated access to the interior cavity.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 30% glycerol 0.1M NaCl, 1mM DTT, 0.1mM PMSF

分子量: 28.0 kDa (254aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMAERGYSFSLTTFSPSGKLVQIEYALAAVAGGAPSVGIKAANGVVLATEKKQKSILYDERS
VHKVEPITKHIGLVYSGMGPDIRVLVHRARKLAQQYYLVYQEPITPAQLVQRVASVMQEYTSQGGVRPFGVSLICGWN
EGRPYLFQSDPSGAYFAWKATAMGKNYVNGKTFLEKRYNEDLEDAIHTAILTLKESFEGQMTEDNIEVGICNEAGFRRL
TPTEVKDYLAIA

纯度: > 95% by HPLC

浓度: 1.0 mg/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.