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PSMB7, 44-277aa, Human, His tag, E.coli

产品货号: TP03574

第三版

别名: Proteasome subunit beta type-7.

描述: PSMB7, also known as proteasome subunit beta type-7, 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. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 1mM DTT

分子量: 27.6 kDa (255aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMTTIAGVVYKDGIVLGADTRATEGMVVADKNC SKIHFISPNIYCCGAGTAADTDMTTQ
LISSNLELHSLSTGRLPRVVTANRMLKQMLFRYQGYIGAALVGGVDVTGPHLYSIYPHGSTDKLPYVTMGSGSLAAMAVF
EDKFRPDMEEEEAKNLVSEAI AAGIFNDLGSGSNIDL CVISKNKLDLFRPYTVPNKKGTRLGRYRCEKGTTAVLTEKITPLEI
EVLEETVQTMDTS

纯度: > 95% by HPLC

浓度: 0.25 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.