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PSMB8, 73-276aa, Human, His tag, E.coli

产品货号: TP03575

第三版

别名:proteasome (prosome, macropain) subunit, beta type, 8, D6S216, D6S216E, LMP7, MGC1491, PSMB5i

描述:PSMB8, also known as LMP7, belongs to the peptidase T1B family. The proteasome is a multicatalytic proteinase complex with a highly ordered ring-shaped 20S core structure. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ubiquitin-dependent process in a non-lysosomal pathway. An essential function of a modified proteasome, the immunoproteasome, is the processing of class I MHC peptides.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

分子量:25.4 kDa (229aa)

序列:

MGSSHHHHHHSSGLVPRGSHMGSHMTTTLAFKFQHGVIAAVDSRASAGSYISALRVNKVIEINPYLLGTMSGCAADCQY  
WERLLAKECRLYLRNGERISVSAASKLLSNMMCQYRGMGLSMGSMICGWDKKGPGLYYVDEHGTRLSGNMFSTGSGN  
TYAYGVMDSGYRPNLSPEEAYDLGRRAIAYATHRDSYSGGVVNMVHMKEDGWVKVESTDVSDLLHQYREANQ

纯度:> 95% by HPLC

浓度:0.5 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.