

PSMB6, 35-239 aa , Human, His tag E.coli

Cat.NO.: TP03573

3th Edition

Synonyms:Proteasome subunit beta type-6 precursor, DELTA, LMPY, MGC5169.

Description:PSMB6 is a member of the proteasome B-type family, also known as the T1B family, that is a 20S core beta subunit in the proteasome. This catalytic subunit is not present in the immunoproteasome and is replaced by PSMB9. The proteasome 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.

Form:Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol, 1mM DTT, 0.15M NaCl.

Molecular Weight:24.2 kDa (226aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMTTIMAVQFDGGVVLGADSRITTTGSYIANRVTDKLTPIHDRIFCCRSGSAADTQAV
ADAVTYQLGFHSIELNEPPLVHTAASLFKEMCYRYREDLMAGIIIAGWDPQEGGQVYSVPMGGMMVRQSFAIGGS
GSSYIYG YVDATYREGMTKEECLQFTANALALAMERDGSSGGVIRLAAIAESGVERQVLLGDQIPKFAVATLPPA

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.