

32-2753: PSMB6 Recombinant Protein

Alternative Name : Proteasome subunit beta type-6, Macropain delta chain, Multicatalytic endopeptidase complex delta chain, Proteasome delta chain, Proteasome subunit Y, PSMB6, LMPY, Y, DELTA.

Description

Source : Escherichia Coli. PSMB6 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 226 amino acids (35-239) and having a molecular mass of 24.2kDa. PSMB6 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. PSMB6 belongs to the proteasome B-type family (T1B family) which is a 20S core beta subunit in the proteasome. The PSMB6 is not present in the immunoproteasome and is replaced by PSMB9. The proteasome is a multicatalytic proteinase complex with an extremely ordered ring-shaped 20S core structure. The core structure is comprised 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.

Product Info

Amount : 10 µg

Purification : Greater than 85.0% as determined by SDS-PAGE.

Content : The PSMB6 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol, 1mM DTT and 0.15M NaCl.

Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid : MGSSHHHHHH SGLVPRGSH MTTIMAVQFD GGVLGADSR TTTGSYIANR VTDKLTPIHD RIFCCRSRSA ADTQAVADAV TYQLGFHSIE LNEPPLVHTA ASLFKEMCYR YREDLMAGII IAGWDPQEGG QVYSVPMGGM MVRQSFAIGG SGSSYIYGYV DATYREGMTK EECLQFTANA LALAMERDGS SGGVIRLAAI AESGVERQVL LGDQIPKFAV ATLPPA.

