32-2755: PSMB8 Recombinant Protein

Alternative Name :   D6S216,D6S216E,LMP7,MGC1491,PSMB5i ,Low molecular mass protein 7 Macropain subunit C13,Multicatalytic endopeptidase complex subunit C13,Proteasome component C13,Proteasome subunit beta-5i,Really interesting new gene 10 protein.

Description

Source : Escherichia Coli. PSMB8 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 229 amino acids (73-276 a.a.) and having a molecular mass of 25.4kDa. PSMB8 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Proteasome Subunit Beta Type 8 (PSMB8) is a member of the peptidase T1B family. The proteasome is a multicatalytic proteinase complex with well-organized ring-shaped 20S core structure. Proteasomes are spread through eukaryotic cells at a high concentration. PSMB8 is mainly expressed in immature dendritic cells. vital function of a modified proteasome, the immunoproteasome, is the processing of class I MHC peptides.PSMB8 is positioned in the class II region of the MHC (main histocompatibility complex). PSMB8 plays as a significant factor of interferon gamma-induced sensitivity and in apoptosis by degradation of the apoptotic inhibitor MCL1.

Product Info

Amount :	20 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	PSMB8 protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.
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 SSGLVPRGSH MGSHMTTTLA FKFQHGVIAA VDSRASAGSY ISALRVNKVI EINPYLLGTM SGCAADCQYW ERLLAKECRL YYLRNGERIS VSAASKLLSN MMCQYRGMGL SMGSMICGWD KKGPGLYYVD EHGTRLSGNM FSTGSGNTYA YGVMDSGYRP NLSPEEAYDL GRRAIAYATH RDSYSGGVVN MYHMKEDGWV KVESTDVSDL LHQYREANQ.