9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-2751: PSMB4 Recombinant Protein

Alternative Name :	Proteasome (prosome,macropain) subunit beta type 4,PROS26,HN3,Macropain beta chain,Multicatalytic endopeptidase complex beta chain,Proteasome chain 3,26 kDa prosomal protein,HsN3,PROS-26,hsBPROS26,EC 3.4.25.1.

Description

Source : Escherichia Coli. PSMB4 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 240 amino acids (46-264 a.a.) and having a molecular mass of 26.6kDa.PSMB4 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. PSMB4 is a member of the peptidase T1B family. The 20S Proteasome chamber holds structural alpha subunits and predominantly catalytic beta subunits. The two external rings in the proteasome contain seven alpha subunits each and the two internal rings contain of seven beta subunits each. PSMB4 is a beta subunit of the 20S Proteasome that is spread all over the eukaryotic cells in large quantities and cleaves peptides in an ATP/ubiquitin-dependent process in a non-lysosomal pathway.

Product Info

Amount :	10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	PSMB4 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 100mM NaCl, 1mM DTT and 30% 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 MTQNPMVTGT SVLGVKFEGG VVIAADMLGS YGSLARFRNI SRIMRVNNST MLGASGDYAD FQYLKQVLGQ MVIDEELLGD GHSYSPRAIH SWLTRAMYSR RSKMNPLWNT MVIGGYADGE SFLGYVDMLG VAYEAPSLAT GYGAYLAQPL LREVLEKQPV LSQTEARDLV ERCMRVLYYR DARSYNRFQI ATVTEKGVEI EGPLSTETNW DIAHMISGFE

For Research Use Only. Not for use in diagnostic/therapeutics procedures.