

Product datasheet for **AR50176PU-S**

PSMB6 (35-239, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	PSMB6 (35-239, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MTTIMAVQFD GGVLGADSR TTTGSYIANR VTDKLTPIHD RIFCCRSRSA ADTQAVADAV TYQLGFHSIE LNEPPLVHTA ASLFKEMCYR YREDLMAGII IAGWDPQEGG QVYSVPMGGM MVRQSFAIGG SGSSYIYGIV DATYREGMTK EECLQFTANA LALAMERDGS SGGVIRLAAI AESGVERQVL LGDQIPKFAV ATLPPA
Tag:	His-tag
Predicted MW:	24.2 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 1 mM DTT, 0.15M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human PSMB6 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001257410
Locus ID:	5694
UniProt ID:	A0A087X2I4
Cytogenetics:	17p13.2
Synonyms:	DELTA; LMPY; Y



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Summary:

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. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ubiquitin-dependent process in a non-lysosomal pathway. The encoded protein is a member of the proteasome B-type family, also known as the T1B family, and is a 20S core beta subunit in the proteasome. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jul 2012]

Protein Families:

Druggable Genome, Protease

Protein Pathways:

Proteasome

Product images: