

Product datasheet for **AR50176PU-N**

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

Product data:

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|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | PSMB6 (35-239, His-tag) human recombinant protein, 0.25 mg |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | MGSSHHHHHH SSGLVPRGSH MTTIMAVQFD GGVLGADSR TTTGSYIANR VTDKLTPIHD RIFCCRSGSA 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: