

Product datasheet for AR50112PU-N

PSMA3 (1-255, His-tag) Human Protein

Product data:

OriGene Technologies, Inc.

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| Product Type: | Recombinant Proteins |
|--|--|
| Description: | PSMA3 (1-255, His-tag) human recombinant protein, 0.5 mg |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | MGSSHHHHHH SSGLVPRGSH MSSIGTGYDL SASTFSPDGR VFQVEYAMKA VENSSTAIGI RCKDGVVFGV EKLVLSKLYE EGSNKRLFNV DRHVGMAVAG LLADARSLAD IAREEASNFR SNFGYNIPLK HLADRVAMYV HAYTLYSAVR PFGCSFMLGS YSVNDGAQLY MIDPSGVSYG YWGCAIGKAR QAAKTEIEKL QMKEMTCRDI VKEVAKIIYI VHDEVKDKAF ELELSWVGEL TNGRHEIVPK DIREEAEKYA KESLKEEDES DDDNM |
| Tag: | His-tag |
| Predicted MW: | 30.6 kDa |
| Concentration: | lot specific |
| Purity: | >95% 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 PSMA3 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: | <u>NP 002779</u> |
| Locus ID: | 5684 |
| UniProt ID: | <u>P25788</u> , <u>A0A140VK43</u> |
| Cytogenetics: | 14q23.1 |
| Synonyms: | HC8; PSC3 |

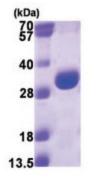


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| | PSMA3 (1-255, His-tag) Human Protein – AR50112PU-N |
|-------------------|---|
| Summary: | The proteasome is a multicatalytic proteinase complex with a highly ordered ring-shaped 20S core structure. The core structure is composed of 4 rings of 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. An essential function of a modified proteasome, the immunoproteasome, is the processing of class I MHC peptides. This gene encodes a member of the peptidase T1A family, that is a 20S core alpha subunit. Two alternative transcripts encoding different isoforms have been identified. [provided by RefSeq, Jul 2008] |
| Protein Families: | Druggable Genome, Protease, Stem cell - Pluripotency |
| Protein Pathway | s: Proteasome |

Product images:



15% SDS-PAGE (3ug)

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