

Recombinant Full Length Human PSMA3 Protein, MYC/DDK-tagged

Cat. No. PSMA3-3063H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PSMA3 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-255 a.a.
Description	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.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	28.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name PSMA3 proteasome (prosome, macropain) subunit, alpha type, 3 [Homo sapiens]

Official Symbol PSMA3

Synonyms HC8; PSC3

Gene ID 5684

mRNA Refseq NM_002788

Protein Refseq NP_002779

MIM 176843

UniProt ID P25788

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