

Recombinant Human PSMA1 protein, His-tagged

Cat. No. PSMA1-3380H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PSMA1 protein(P25786)(1-251aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-251aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	32.2 kDa
AA Sequence	MFRNQYDNDVTWSPQGRIHQIEYAMEAVKQGSATVGLKSKTHAVLVALKRAQSEL AAHQKKILHVDNHIGISIAGLTADARLLCNFMRQECLDSRFVFDRLPLVSRVLVSLIGSK TQIPTQRYGRRPYGVGLLIAGYDDMGPHIFQTCPSANYFDCRAMSIGARSQSARTYL ERHMSEFMECNLNELVKHGLRALRETLPAEQDLTTKNVSIGIVGKDLEFTIYDDDDVS PFLEGLEERPQRKAQPAQPAD
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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repeated freeze-thaw cycles.

Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name [PSMA1 proteasome \(prosome, macropain\) subunit, alpha type, 1 \[Homo sapiens \]](#)

Official Symbol [PSMA1](#)

Synonyms

PSMA1; proteasome (prosome, macropain) subunit, alpha type, 1; proteasome subunit alpha type-1; HC2; MGC1667; MGC14542; MGC14575; MGC14751; MGC21459; MGC22853; MGC23915; NU; PROS30; PROS-30; protein P30-33K; proteasome nu chain; macropain subunit C2; macropain subunit nu; proteasome subunit nu; 30 kDa prosomal protein; proteasome component C2; proteasome subunit, alpha-type, 1; multicatalytic endopeptidase complex subunit C2;

Gene ID [5682](#)

mRNA Refseq [NM_001143937](#)

Protein Refseq [NP_001137409](#)

MIM [602854](#)

UniProt ID [P25786](#)

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