Recombinant Human PSME1 protein, His-tagged

Cat. No. PSME1-361H **Lot. No.** (See product label)

SPECIFICATION

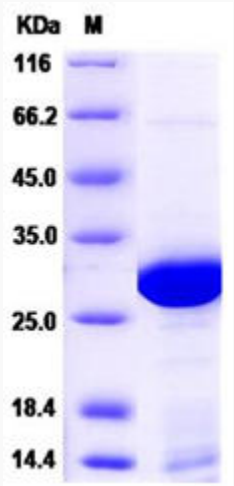
Product Overview	Recombinant Human PSME1 protein(Q06323) (Met1-Tyr249) was expressed in E.coli with a polyhistidine tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	1-249 aa
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, 10% Glycerol, pH 8.0.
Molecular Mass	The recombinant human PSME1 consists of 264 amino acids and predicts a molecular mass of 30.6 KDa. It migrates as an approximately 28-32 KDa band in SDS-PAGE under reducing conditions.
Purity	> 90 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

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Gene Name	PSME1 proteasome (prosome, macropain) activator subunit 1 (PA28 alpha) [Homo sapiens]
Official Symbol	PSME1
Synonyms	PSME1; proteasome (prosome, macropain) activator subunit 1 (PA28 alpha); proteasome activator complex subunit 1; IFI5111; PA28alpha; REG-alpha; IGUP I-5111; 29-kD MCP activator subunit; interferon-gamma IEF SSP 5111; proteasome activator subunit-1; 11S regulator complex alpha subunit; 11S regulator complex subunit alpha; proteasome activator 28 subunit alpha; interferon-gamma-inducible protein 5111; interferon gamma up-regulated I-5111 protein; activator of multicatalytic protease subunit 1; PA28A; REGalpha; MGC8628;
Gene ID	5720
mRNA Refseq	NM_006263
Protein Refseq	NP_006254
MIM	600654
UniProt ID	Q06323

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SDS-PAGE	

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