

Recombinant Human PSMA4 Protein, His-tagged

Cat. No. PSMA4-2634H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PSMA4 Protein (Met1-Lys261) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Lys261
Description	This gene encodes a core alpha subunit of the 20S proteasome, which is a highly ordered ring-shaped structure composed of four rings of 28 non-identical subunits. Proteasomes cleave peptides in an ATP- and ubiquitin-dependent manner.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 33.2 kDa Accurate Molecular Mass: 33&10 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

PSMA4 proteasome (prosome, macropain) subunit, alpha type, 4 [Homo sapiens (human)]

Official Symbol

PSMA4

Synonyms

PSMA4; proteasome (prosome, macropain) subunit, alpha type, 4; proteasome subunit alpha type-4; HC9; HsT17706; macropain subunit C9; proteasome subunit L; proteasome subunit HC9; proteasome component C9; multicatalytic endopeptidase complex subunit C9; PSC9; MGC12467; MGC24813; MGC111191;

Gene ID

5685

mRNA Refseq

NM_001102667

Protein Refseq

NP_001096137

MIM

176846

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

UniProt ID**P25789** Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA