

Recombinant Human PSMA8, His-tagged

Cat. No. PSMA8-30593TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human PSMA8, isoform 3 (1-250 amino acids) with N-terminal His tag;270 aa, predicted MW 30kDa.
Species	Human
Source	E.coli
ProteinLength	250 amino acids
Description	PSMA8 is a protease which cleaves peptide bonds with broad specificity.
Conjugation	HIS
Molecular Weight	30.000kDa inclusive of tags
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	pH: 8.00Constituents:10% Glycerol, 0.32% Tris HCl, 0.02% DTT, 0.58% Sodium chloride
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

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Sequences of amino acids

MGSSHHHHHH SSGLVPRGSH MASRYDRAIT VFSPDGHLFQ VEYAQEAVKK
 GSTAVGIRGT NIVVLGVEKK SVAKLQDERT VRKICALDDH VCMAFAGLTA
 DARVVINRAR VECQSHKLTVE DPTVTVEYIT RFIATLKQKY TQSNRRPFG
 ISALIVGFDD DGISRLYQTD PSGTYHAWKANAIGRSAKT REFLEKNYTE
 DAIASDSEAI KLAIKALLEV VQSGGKNIEL AIIRRNQPLK MFSAKEVELY
 VTEIEKEKEE AEKKKSKKSV

Sequence Similarities

Belongs to the peptidase T1A family.

GENE INFORMATION

Gene Name PSMA8 proteasome (prosome, macropain) subunit, alpha type, 8 [Homo sapiens]

Official Symbol PSMA8

Synonyms PSMA8; proteasome (prosome, macropain) subunit, alpha type, 8; proteasome subunit alpha type-7-like; MGC26605; PSMA7L;

Gene ID 143471

mRNA Refseq NM_144662

Protein Refseq NP_653263

Uniprot ID Q8TAA3

Chromosome Location 18q11.2

Pathway APC/C-mediated degradation of cell cycle proteins, organism-specific biosystem;
 APC/C:Cdc20 mediated degradation of Securin, organism-specific biosystem;

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APC/C:Cdc20 mediated degradation of mitotic proteins, organism-specific biosystem;
APC/C:Cdh1 mediated degradation of Cdc20 and other APC/C:Cdh1 targeted
proteins in late mitosis/early G1, organism-specific biosystem; Activation of APC/C
and APC/C:Cdc20 mediated degradation of mitotic proteins, organism-specific
biosystem;

Function	peptidase activity; threonine-type endopeptidase activity;
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