

Recombinant Human PSMA5 Protein (Met1-Ile241), His tagged

Cat. No. PSMA5-2901H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human PSMA5 (Met1-Ile241) protein fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Ile241
Description	The human PSMA5 exists mainly as tetramer.PSMA5 protein is associated with conjugated linoleic acid (CLA) biosynthesis in mammary tissue.Proteasome (prosome, macropain) subunit alpha type 5 (PSMA5) was upregulated, whereas peroxiredoxin-1 and translationally controlled tumor protein 1 were downregulated in TVA-treated animals compared with the vehicle-injected controls. PSMA5 is highly expressed in goat mammary tissue and bovine mammary epithelial cells when TVA is converted into CLA.
Molecular Mass	26.35 kDa
Purity	>90 % as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the

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	date of receipt.
Storage Buffer	Supplied as solution form in PBS pH 7.5 or lyophilized from PBS pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.
GENE INFORMATION	
Gene Name	PSMA5 proteasome (prosome, macropain) subunit, alpha type, 5 [Homo sapiens (human)]
Official Symbol	PSMA5
Synonyms	PSMA5; proteasome (prosome, macropain) subunit, alpha type, 5; proteasome subunit alpha type-5; ZETA; macropain zeta chain; proteasome zeta chain; macropain subunit zeta; proteasome component 5; proteasome subunit zeta; proteasome alpha 5 subunit; multicatalytic endopeptidase complex zeta chain; PSC5; FLJ42315; MGC117302; MGC125802; MGC125803; MGC125804;
Gene ID	5686
mRNA Refseq	NM_001199772
Protein Refseq	NP_001186701
MIM	176844
UniProt ID	P28066

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