

## Active Recombinant Human PSCA protein, His-tagged

Cat. No. PSCA-0631H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PSCA protein(Leu12-Ser86), fused with His tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	12-86 a.a.
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	2e5 of anti-PSCA CAR-293 cells were stained with 100 µL of 3 µg/mL of Human PSCA, His Tag and negative control protein respectively, washed and then followed by PE anti-His Tag antibody and analyzed with FACS.
<b>Molecular Mass</b>	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 10.4 kDa. The protein migrates as 18-25 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Proteinlength</b>	Leu12-Ser86
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>90% as determined by SDS-PAGE.

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**Storage** Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. 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

**Gene Name** PSCA prostate stem cell antigen [ Homo sapiens ]

**Official Symbol** PSCA

**Synonyms** PSCA; prostate stem cell antigen; PRO232;

**Gene ID** 8000

**mRNA Refseq** NM\_005672

**Protein Refseq** NP\_005663

**MIM** 602470

**UniProt ID** O43653

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