

## Recombinant Human PSCA protein, hFc-tagged

Cat. No. PSCA-5744H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PSCA protein(O43653)(Leu12-Ser86), fused with N-terminal hFc tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Leu12-Ser86
<b>Tag</b>	N-hFc
<b>Form</b>	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
<b>Bio-activity</b>	Immobilized Human PSCA, hFc Tag at 2ug/ml (100ul/Well) on the plate. Dose response curve for Biotinylated Anti-PSCA Antibody, hFc Tag with the EC50 of 50.8ng/ml determined by ELISA.
<b>Molecular Mass</b>	The protein has a predicted MW of 34.3 kDa. Due to glycosylation, the protein migrates to 40-50 kDa based on Tris-Bis PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
<b>Storage</b>	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot

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the protein into smaller quantities for optimal storage. Please do not 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

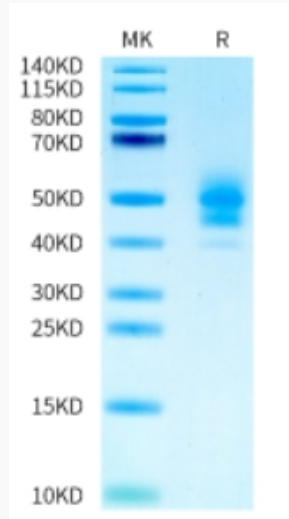
**UniProt ID** O43653

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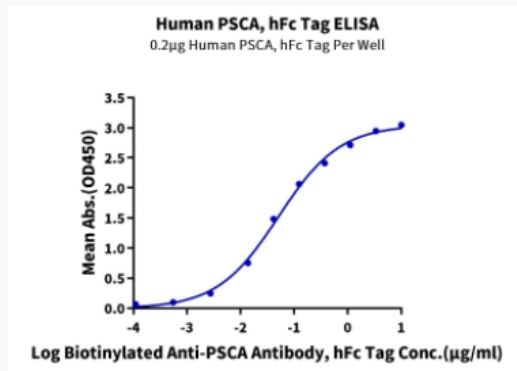
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**Tris-Bis PAGE**



**ELISA Data**



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