

Recombinant Human PSCA protein, hFc-tagged

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

SPECIFICATION

Product Overview	Recombinant Human PSCA protein(O43653)(Leu12-Ser86), fused with N-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Leu12-Ser86
Tag	N-hFc
Form	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	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.
Molecular Mass	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.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
Storage	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](#)

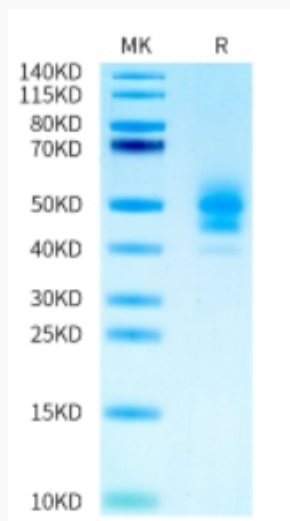
UniProt ID [O43653](#)

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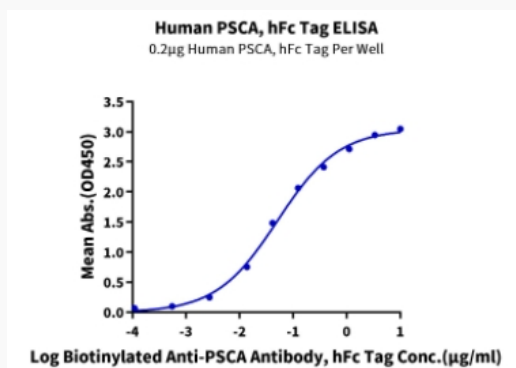
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Tris-Bis PAGE



ELISA Data



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