

Recombinant Human PSCA Protein, C-His-tagged, PE-labeled

Cat. No. PSCA-01HP **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PSCA Protein, fused to His-tag at C-terminus, was expressed in HEK293T.
Species	Human
Source	HEK293
ProteinLength	21-95 aa
Description	This gene encodes a glycosylphosphatidylinositol-anchored cell membrane glycoprotein. In addition to being highly expressed in the prostate it is also expressed in the bladder, placenta, colon, kidney, and stomach. This gene is up-regulated in a large proportion of prostate cancers and is also detected in cancers of the bladder and pancreas. This gene includes a polymorphism that results in an upstream start codon in some individuals; this polymorphism is thought to be associated with a risk for certain gastric and bladder cancers. Alternative splicing results in multiple transcript variants.
Molecular Mass	~ 8.8 kDa
AA Sequence	VSNEDECLQVENCTQLGEQCWTARIRAVGLLTVISKGCSLNCVDDSDQDYVVGKKKNITCCDTDLGNASGAHALQPAAHHHHHH
Purity	>=85% as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the

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protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Concentration 0.83 mg/ml

GENE INFORMATION

Gene Name PSCA prostate stem cell antigen [Homo sapiens (human)]

Official Symbol PSCA

Synonyms PRO232; IncPSCA; prostate stem cell antigen; PSCA

Gene ID 8000

mRNA Refseq NM_005672.5

Protein Refseq NP_005663.2

MIM 602470

UniProt ID O43653

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