Recombinant Human PSCA Protein, His-tagged

Cat. No. PSCA-151H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human prostate stem cell antigen(PSCA) protein, transcript variant 1 (NM_005672), with a His tag, was expressed in human cells.
Species	Human
Source	Human Cells
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.
Form	Purified protein formulated in a sterile solution of TBS buffer, pH7.286, without any preservatives.
Molecular Mass	9.2 kDa
Endotoxin	Endotoxin level is < 0.1 ng/μg of protein (<1EU /μg)
Purity	>90% by SDS-PAGE gel and Coomassie Blue staining
Applications	Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and

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	protein-protein interaction studies.

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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