

Recombinant Human PSCA Protein (Leu12-Ser86), C-hFc-tagged

Cat. No. PSCA-454H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PSCA Protein (Leu12-Ser86) with C-hFc tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Leu12-Ser86
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	Lyophilized
Molecular Mass	34.4 kDa
Purity	> 95% as determined by SDS-PAGE and Coomassie blue staining.
Storage	Store at -80 centigrade for 12 months (Avoid repeated freezing and thawing)

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Storage Buffer

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 66 % trehalose is added as protectants before lyophilization.

GENE INFORMATION

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

Official Symbol PSCA

Synonyms PSCA; prostate stem cell antigen; PRO232;

Gene ID 800

mRNA Refseq NM_005672

Protein Refseq NP_005663

MIM 602470

UniProt ID O43653

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