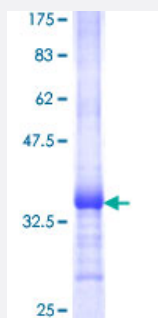


PSCA (Human) Recombinant Protein (Q01)

Catalog # H00008000-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PSCA partial ORF (NP_005663, 23 a.a. - 95 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	CYSCKAQVSNEDCLQVENCTQLGECQWTARIRAVGLLTVISKGCSLNCVDDSQDYVVGKKNITC CDTDLCNAS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	33.77
Interspecies Antigen Sequence	Mouse (66); Rat (68)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — PSCA

Entrez GeneID [8000](#)

GeneBank Accession# [NM_005672](#)

Protein Accession# [NP_005663](#)

Gene Name PSCA

Gene Alias PRO232

Gene Description prostate stem cell antigen

Omim ID [602470](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 has a nonsynonymous nucleotide polymorphism at its start codon. [provided by RefSeq]

Other Designations -

Disease

- [Adenocarcinoma](#)
- [Carcinoma](#)
- [Disease Progression](#)

- [Genetic Predisposition to Disease](#)
- [Intestinal Neoplasms](#)
- [Neoplasms](#)
- [Stomach Neoplasms](#)
- [Urinary Bladder Neoplasms](#)