

## Product datasheet for **TP790100**

### **PSCA (NM\_005672) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Human prostate stem cell antigen (PSCA), transcript variant 1, esidues 21-95aa, with C-terminal DDK tag,expressed in human cells;
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293
<b>Expression cDNA Clone or AA Sequence:</b>	A DNA sequence from TrueORF clone, RC209136, encoding the region Leu21-Ser95 of PSCA
<b>Tag:</b>	C-DDK
<b>Predicted MW:</b>	9.2 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 90% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	PBS, pH 7.4, 10% glycerol
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_005663</a>
<b>Locus ID:</b>	8000
<b>UniProt ID:</b>	<a href="#">O43653</a>
<b>RefSeq Size:</b>	1038
<b>Cytogenetics:</b>	8q24.3
<b>RefSeq ORF:</b>	369
<b>Synonyms:</b>	PRO232



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**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 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. [provided by RefSeq, Feb 2010]

**Product images:**