

Datasheet for ABIN7275413  
**PSCA Protein (AA 21-95) (His tag)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µg
Target:	PSCA
Protein Characteristics:	AA 21-95
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PSCA protein is labelled with His tag.

## Product Details

Purpose:	Mouse PSCA Protein
Sequence:	Leu21-Asn95
Characteristics:	Recombinant Mouse PSCA Protein is expressed from HEK293 with His tag at the N-Terminus. It contains Leu21-Asn95.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

## Target Details

Target:	PSCA
Alternative Name:	PSCA ( <a href="#">PSCA Products</a> )

## Target Details

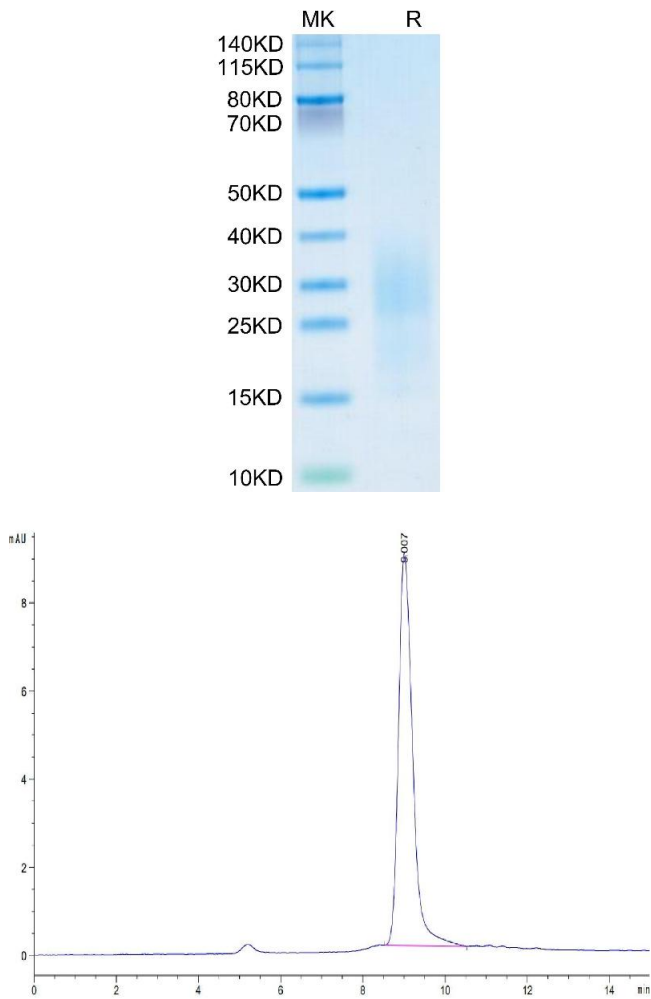
Background:	Gastric cancer is a deadly malignancy and is a prognostically unfavorable entity with restricted therapeutic strategies available. Prostate stem cell antigen (PSCA) is a glycosylphosphatidylinositol (GPI)-anchored cell surface protein widely expressed in bladder, prostate, and pancreatic cancers. Existing studies have thoroughly recognized the availability of utilizing anti-PSCA CAR-T cells in the treatment of metastatic prostate cancer and non-small-cell lung cancer.
Molecular Weight:	9.8 kDa. Due to glycosylation, the protein migrates to 20-30 kDa based on Tris-Bis PAGE result.
UniProt:	<a href="#">P57096</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



SDS-PAGE

**Image 1.** Mouse PSCA on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

Size-exclusion chromatography-High Pressure Liquid Chromatography

**Image 2.** The purity of Mouse PSCA is greater than 95 % as determined by SEC-HPLC.