

Recombinant Human Prostate stem cell antigen/PSCA Protein

Catalog No.: RP02245 Recombinant 1 Publications

Sequence Information

Species Gene ID Swiss Prot Human 8000 043653

Tags C-His

Synonyms PSCA;PRO232

Product Information

Source Purification HEK293 cells ≥ 95 % as

determined by SDS-

PAGE.

Calculated MW Observed MW

9.06 kDa 15-35 kDa

Endotoxin

 $< 0.01 \; \text{EU/}\mu\text{g}$ of the protein by LAL method

Formulation

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

Reconstitution

Reconstitute with deionized water

Contact

2	400-999-6126
\sim	cn.market@abclonal.com.cn
 ᢒ	www.abclonal.com.cn

Background

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.

Basic Information

Description

Recombinant Human Prostate stem cell antigen/PSCA Protein is produced by HEK293 cells expression system. The target protein is expressed with Prostate stem cell antigen/PSCA(Leu12-Ser86) fused with a His Tag at the C-terminal. .

Bio-Activity

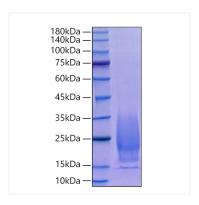
Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

Validation Data



Recombinant Human Prostate stem cell antigen/PSCA Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.