

PSCA recombinant protein

PSCA Protein, Mouse, Recombinant (ECD, His Tag), HPLC-verified

CATALOG #
AAA259275

HOST
HEK293 Cells

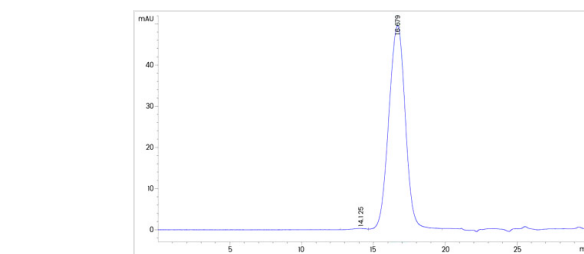
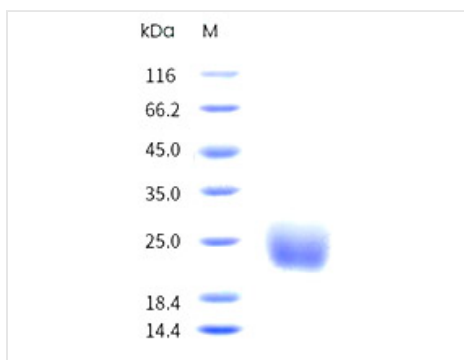
PRODUCT SYNONYMS

PSCA; PSCA Protein; Mouse; Recombinant (ECD; His Tag); HPLC-verified; prostate stem cell antigen; 2210408B04Rik Protein; PSCA recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293 Cells
Purity/Purification	>= 95% as determined by SDS-PAGE. = 95% as determined by SEC-HPLC.
Form/Format	Lyophilized from sterile PBS, pH 7.4. Normally 5%-8% trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Species	Mouse
Predicted N Terminal	Leu 21
Endotoxin	<1.0 EU per ug protein as determined by the LAL method.
Protein Construction	A DNA sequence encoding the Mouse PSCA (P57096)(Met1-Asn95) was expressed with a polyhistidine tag at the C-terminus.
Preparation and Storage	Samples are stable for up to twelve months from date of receipt at -20 degree C to -80 degree C. Store it under sterile conditions at -20 degree C to -80 degree C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

IMAGES



Application Data

Application Data

ADDITIONAL INFORMATION

Related Product Information for PSCA recombinant protein

Prostate Stem Cell Antigen (PSCA) is frequently expressed in prostate cancer. Prostate stem cell antigen (PSCA) is a cell-membrane glycoprotein consisting of 123 amino acids. Knockdown of PSCA induced EMT and reduced metastatic potentials of the DU145 cells, suggesting that PSCA played an important role in prostatic carcinogenesis and progression. PSCA gene plays an important role in cell adhesion, proliferation and survival. Increasing studies have focused on the association of PSCA gene rs2294008 C>T and rs2976392 G>A with cancer risk. PSCA expression is detected in over 80% of patients with local disease, and elevated levels of PSCA are correlated with increased tumor stage, grade, and androgen independence, including high expression in bone metastases.

NCBI AND UNIPROT INFORMATION

NCBI GI #	10720241
UniProt Accession #	P57096
Molecular Weight	13,444 Da
NCBI Official Full Name	Prostate stem cell antigen
UniProt Protein Name	Prostate stem cell antigen
UniProt Gene Name	Psca
UniProt Entry Name	PSCA_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/psca-recombinant-protein-hek293-cells/259275>