



Synonym

PSCA,UNQ206,PRO232

Source

Biotinylated Mouse PSCA, His,Avitag(PSA-M82Ea) is expressed from human 293 cells (HEK293). It contains AA Leu 21 - Asn 95 (Accession # [P57096-1](#)).

Predicted N-terminus: Leu 21

Molecular Characterization

PSCA(Leu 21 - Asn 95)
P57096-1 Poly-his Avi

This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag™).

The protein has a calculated MW of 12.0 kDa.

Labeling

Biotinylation of this product is performed using Avitag™ technology. Briefly, the single lysine residue in the Avitag is enzymatically labeled with biotin.

Protein Ratio

Passed as determined by the HABA assay / binding ELISA.

Endotoxin

Less than 0.01 EU per µg by the LAL method.

Purity

>95% as determined by SEC-MALS.

Formulation

Supplied as 0.2 µm filtered solution in PBS, pH7.4 with trehalose as protectant.

Contact us for customized product form or formulation.

Shipping

This product is supplied and shipped with dry ice, please inquire the shipping cost.

Storage

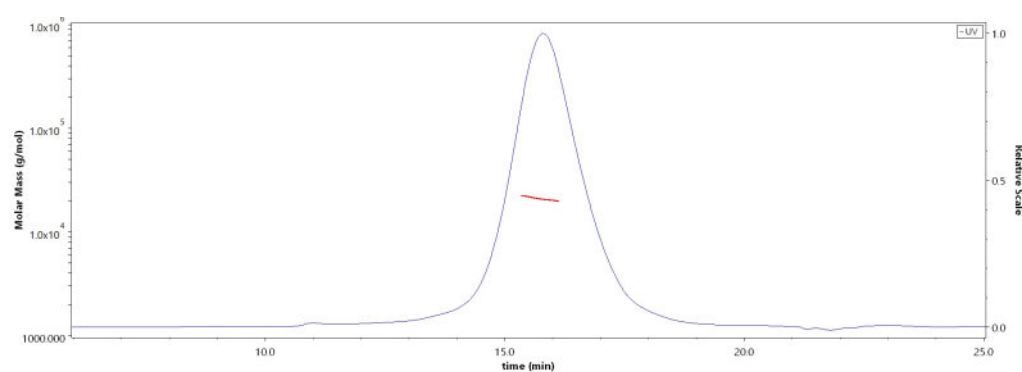
For long term storage, the product should be stored at lyophilized state at -20°C or lower.

Please avoid repeated freeze-thaw cycles.

This product is stable after storage at:

- -20°C to -70°C for 12 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

SEC-MALS



The purity of Biotinylated Mouse PSCA, His,Avitag (Cat. No. PSA-M82Ea) is more than 95% and the molecular weight of this protein is around 18-26 kDa verified by SEC-MALS.

[Report](#)

Background

The Prostate stem cell antigen (PSCA) is a glycosylphosphatidylinositol (GPI)-anchored protein, plays an important role in tumorigenesis. The prostate stem cell antigen (PSCA) gene, which encodes a prostate-specific antigen (PSA), was identified as a gene involved in cell adhesion and proliferation. PSCA may be involved

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Biotinylated Mouse PSCA Protein, His,Avitag™, low endotoxin (MALS verified)

Catalog # PSA-M82Ea



in the regulation of cell proliferation. Has a cell-proliferation inhibition activity in vitro. May act as a modulator of nicotinic acetylcholine receptors (nAChRs) activity. In vitro inhibits nicotine-induced signaling probably implicating alpha-3:beta-2- or alpha-7-containing nAChRs.

Clinical and Translational Updates

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