

Rev03
 Update: Aug,08,2025

DATASHEET

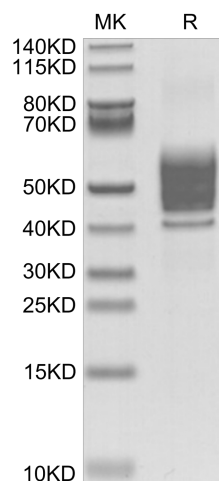
PSCA hFc Chimera, Mouse

Cat. No.: Z06325

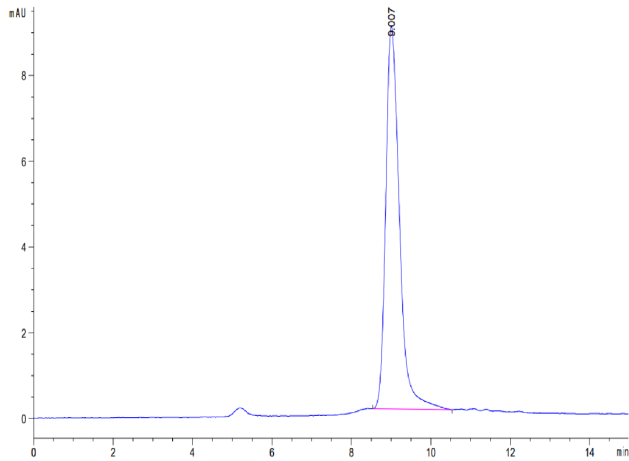
Product Introduction

Species	Mouse
Protein Construction	<div style="display: flex; align-items: center; justify-content: center;"> <div style="background-color: #4a7ebb; color: white; padding: 5px; margin-right: 5px;">hFc</div> <div style="background-color: #0070c0; color: white; padding: 5px; margin-right: 5px;">PSCA (Leu21-Asn95)_x000D_</div> <div style="background-color: #0070c0; color: white; padding: 5px;">Accession # P57096</div> </div> <div style="display: flex; justify-content: space-between; font-size: small; margin-top: 5px;"> N-term C-term </div>
Purity	> 95% as determined by BisTris PAGE > 95% as determined by HPLC
Endotoxin Level	Less than 1EU per µg by the LAL method.
Expression System	HEK293
Theoretical Molecular Weight	34.5 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 40-60 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage & Stability	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

Examples



PSCA hFc Chimera, Mouse on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.



The purity of PSCA hFc Chimera, Mouse is greater than 95% as determined by SEC-HPLC.

Background

Target 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.

Synonyms : PSCA; UNQ206; PRO232

For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.

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