

Active Recombinant Human PSMA protein, His-Avi-tagged, Biotinylated

Cat. No. PSMA-0649H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human PSMA protein(Lys44-Ala750), fused with His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	44-750 a.a.
Form	Supplied as 0.2 µm filtered solution in 25 mM MES, 500 mM NaCl, pH6.5 with trehalose as protectant.
Bio-activity	Immobilized Monoclonal Anti-Human PSMA Antibody, Human IgG1 at 2 µg/mL (100 µL/well) can bind Biotinylated Human PSMA, His,Avitag, premium grade with a linear range of 0.2-6 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the N-terminus, followed by an Avi tag (Avitag)The protein has a calculated MW of 83.1 kDa. The protein migrates as 95-115 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Lys44-Ala750
Endotoxin	Less than 0.01 EU per µg by the LAL method.

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Purity	>95% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
Conjugation	Biotin

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