

Active Recombinant Human PSMA protein, His-tagged, FITC-Labeled

Cat. No. PSMA-0647H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FITC-Labeled Recombinant Human PSMA protein(Lys44-Ala750), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	44-750 a.a.
Form	Lyophilized from 0.22 µm filtered solution in 25 mM MES, 500 mM NaCl, pH6.5. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Monoclonal Anti-Human PSMA Antibody, Human IgG1 at 5 µg/mL (100 µL/well) can bind FITC-Labeled Human PSMA, His Tag with a linear range of 0.156-1.25 µg/mL.
Molecular Mass	This protein carries a polyhistidine tag at the N-terminus.The protein has a calculated MW of 81.4 KDa. The protein migrates as 85-115 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Lys44-Ala750
Endotoxin	Less than 1.0 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	FITC

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