

Active Recombinant Human PSMA protein, Fc-tagged, SEC-HPLC verified

Cat. No. PSMA-0644H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human PSMA protein(Q04609-1)(Lys44-Ala750) is expressed from HEK293 with hFc tag at the N-Terminus.
Species	Human
Source	HEK293
ProteinLength	Lys44-Ala750
Tag	N-hFc
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human PSMA, hFc Tag at 2µg/ml (100µl/Well) on the plate. Dose response curve for Biotinylated Anti-PSMA Antibody, hFc Tag with the EC50 of 16.3ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 106.8 kDa. Due to glycosylation, the protein migrates to 110-120 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE

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> 95% as determined by HPLC

Storage

-20 to -80°C for 12 months as supplied from date of receipt.

-80°C for 3-6 months after reconstitution.

2-8°C for 2-7 days after reconstitution.

Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution

Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

SDS-PAGE

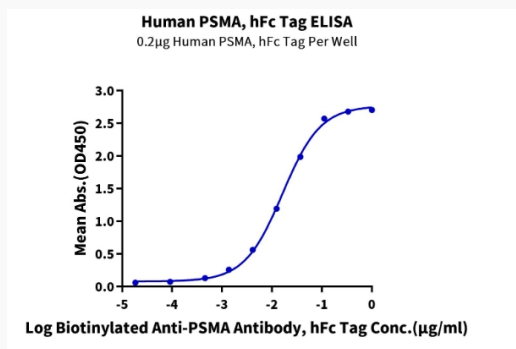


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ELISA Data



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