

Active Recombinant Human FOLH1 protein, hFc-tagged, Low Endotoxin

Cat. No. FOLH1-6477H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FOLH1 protein(Q04609-1)(Lys44-Ala750), fused with N-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	44-750 aa
Form	Lyophilized from 0.22µm filtered solution in 50mM MES, 150mM NaCl, 8% trehalose (pH 6.0).
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 29.9ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 106.8 kDa. Due to glycosylation, the protein migrates to 120-150 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3

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

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name FOLH1 folate hydrolase (prostate-specific membrane antigen) 1 [Homo sapiens]

Official Symbol FOLH1

Synonyms FOLH1; folate hydrolase (prostate-specific membrane antigen) 1; FOLH; glutamate carboxypeptidase 2; GCP2; GCP11; glutamate carboxylase II; glutamate carboxypeptidase II; NAALAD1; NAALADase; PSM; PSMA; NAALADase I; membrane glutamate carboxypeptidase; cell growth-inhibiting gene 27 protein; folypoly-gamma-glutamate carboxypeptidase; prostate specific membrane antigen variant F; pteroylpoly-gamma-glutamate carboxypeptidase; N-acetylated alpha-linked acidic dipeptidase 1; N-acetylated-alpha-linked acidic dipeptidase I; FGCP; mGCP;

Gene ID 2346

mRNA Refseq NM_001014986

Protein Refseq NP_001014986

MIM 600934

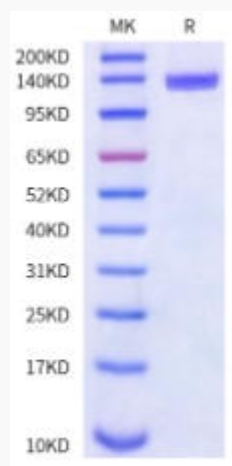
UniProt ID Q04609

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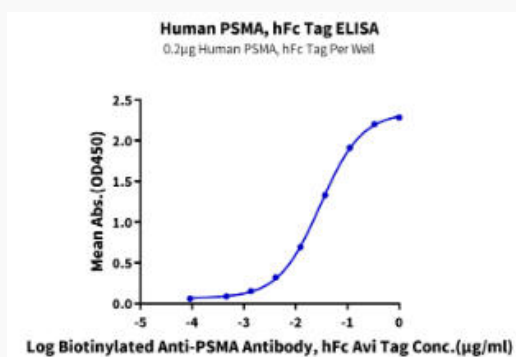
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Bis-Tris PAGE



ELISA Data



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