

Recombinant Human FOLH1 protein, hFc-tagged

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	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 2ug/ml (100ul/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 Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC

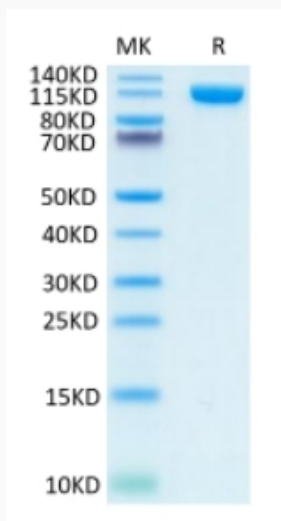
 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

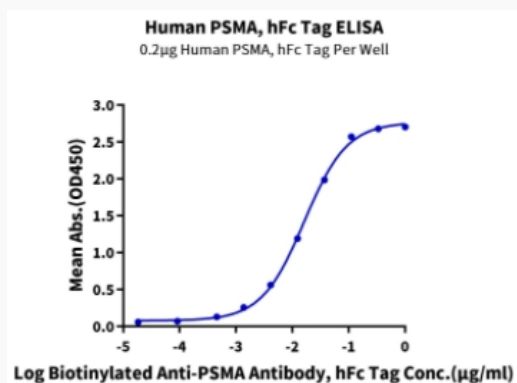
 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. 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; GCP2; GCP2; 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

Tris-Bis PAGE



ELISA Data



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