

## Recombinant Human Folate Hydrolase, GST-tagged

Cat. No. FOLH1-2414H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human folate hydrolase encoding 1-150 aa was expressed in <i>E. coli</i> . It was fused with a GST tag at the N-terminus.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-150 a.a.
<b>Description</b>	PSMA (prostate specific membrane antigen) is a cancer antigen that is abundantly expressed on the surface of prostate cancer cells, but not normal cells, thus making it an attractive target. PSMA is also expressed on the surface of new blood vessels that feed a wide array of other solid tumors.
<b>Presentation</b>	100µl purified human Lyn protein at 100µg/ml in 50mM Tris-Acetate, pH7.5, 1mM EDTA, 20% Glycerol without BSA and Sodium Azide.
<b>Applications</b>	ELISA•Inhibition Assays• Western Blotting.
<b>Characterization</b>	On SDS-PAGE comassie blue stained gel, the purified recombinant protein shows a band at 43 kDa (including GST).
<b>Storage &amp; Stability</b>	Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months.

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## GENE INFORMATION

<b>Gene Name</b>	FOLH1 folate hydrolase (prostate-specific membrane antigen) 1 [ Homo sapiens ]
<b>Synonyms</b>	FOLH1; folate hydrolase (prostate-specific membrane antigen) 1; PSM; FGCP; FOLH; GCP2; PSMA; mGCP; GCPII; NAALAD1; NAALADase; glutamate carboxypeptidase 2 ; NAALADase I; folate hydrolase 1; glutamate carboxylase II; glutamate carboxypeptidase II; cell growth-inhibiting protein 27; prostate-specific membrane antigen; 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; Glutamate carboxypeptidase 2; EC 3.4.17.21; Glutamate carboxypeptidase II; Membrane glutamate carboxypeptidase; N-acetylated-alpha-linked acidic dipeptidase I; Pteroylpoly-gamma-glutamate carboxypeptidase; Folylpoly-gamma-glutamate carboxypeptidase; Folate hydrolase 1; Prostate-specific membrane antigen; PSM; Cell growth-inhibiting gene 27 protein
<b>Gene ID</b>	2346
<b>mRNA Refseq</b>	NM_001014986
<b>Protein Refseq</b>	NP_001014986
<b>UniProt ID</b>	Q04609
<b>Chromosome Location</b>	11p11.2
<b>MIM</b>	600934

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**Function**

carboxypeptidase activity; dipeptidase activity; metal ion bindin; metallopeptidase  
activit; peptidase activity

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