

Recombinant Human Folate Hydrolase, GST-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	E.coli
ProteinLength	1-150 a.a.
Description	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.
Presentation	100µl purified human Lyn protein at 100µg/ml in 50mM Tris-Acetate, pH7.5, 1mM EDTA, 20% Glycerol without BSA and Sodium Azide.
Applications	ELISA•Inhibition Assays• Western Blotting.
Characterization	On SDS-PAGE commassie blue stained gel, the purified recombinant protein shows a band at 43 kDa (including GST).
Storage & Stability	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

Gene Name	FOLH1 folate hydrolase (prostate-specific membrane antigen) 1 [Homo sapiens]
Synonyms	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
Gene ID	2346
mRNA Refseq	NM_001014986
Protein Refseq	NP_001014986
UniProt ID	Q04609
Chromosome Location	11p11.2
MIM	600934

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Function

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

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