

Recombinant Full Length Human FOLR1 Protein, GST-tagged

Cat. No. FOLR1-5035HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FOLR1 full-length ORF (AAH02947.1, 1 a.a. - 257 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
Protein Length	257 amino acids
Description	The protein encoded by this gene is a member of the folate receptor (FOLR) family. Members of this gene family have a high affinity for folic acid and for several reduced folic acid derivatives, and mediate delivery of 5-methyltetrahydrofolate to the interior of cells. This gene is composed of 7 exons; exons 1 through 4 encode the 5' UTR and exons 4 through 7 encode the open reading frame. Due to the presence of 2 promoters, multiple transcription start sites, and alternative splicing of exons, several transcript variants are derived from this gene. These variants differ in the lengths of 5' and 3' UTR, but they encode an identical amino acid sequence. [provided by RefSeq
Molecular Mass	54.01 kDa
AA Sequence	MAQRMTTQLLLLLVWVAVVGEAQTRIAWARTELLNVCMNAKHHKEKPGPEDKLHE QCRPWRKNACCSTNTSQAHKDVSYLRYFNWNHCGEMAPACKRHFIQDTCLEYEC SPNLGPWIIQQVDQSWRKERVNLNPLCKEDCEQWWEDCRTSYTCKSNWHKGNWNW TSGFNKCAVGAACQPFHFYFPTPTVLCNEIWTHSYKVSNSYRGSGRCIQMWFDPA QGNPNEEVARFYAAAMSGAGPWAAWPFLLSLALMLLWLLS

 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

Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	FOLR1 folate receptor 1 (adult) [Homo sapiens]
Official Symbol	FOLR1
Synonyms	FOLR1; folate receptor 1 (adult); FOLR; folate receptor alpha; FR-alpha; KB cells FBP; folate binding protein; folate receptor, adult; adult folate-binding protein; ovarian tumor-associated antigen MOV18; FBP;
Gene ID	2348
mRNA Refseq	NM_000802
Protein Refseq	NP_000793
MIM	136430
UniProt ID	P15328

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