

Recombinant Full Length Human FOLR2 Protein, GST-tagged

Cat. No. FOLR2-5036HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FOLR2 full-length ORF (AAH58036.1, 1 a.a. - 255 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	255 amino acids
Description	The protein encoded by this gene is a member of the folate receptor (FOLR) family, and these genes exist in a cluster on chromosome 11. Members of this gene family have a high affinity for folic acid and for several reduced folic acid derivatives, and they mediate delivery of 5-methyltetrahydrofolate to the interior of cells. This protein has a 68% and 79% sequence homology with the FOLR1 and FOLR3 proteins, respectively. Although this protein was originally thought to be specific to placenta, it can also exist in other tissues, and it may play a role in the transport of methotrexate in synovial macrophages in rheumatoid arthritis patients. Multiple transcript variants that encode the same protein have been found for this gene. [provided by RefSeq]
Molecular Mass	55.7 kDa
AA Sequence	MVWKWMPLLLLLVVCVATMCSAQDRTDLLNVCMDAKHHKTKPGPEDKLHDQCSPW KKNACCTASTSQELHKDTSRLYNFNWDHCGKMEPACKRHFQDTCLYECSPNLGP WIQQVNQSWRKERFLDVPLCKEDCQRWWEDCHTSHTCKSNWHRGWDWTSGVN KCPAGALCRTFESYFPTPAALCEGLWSHSYKVSNSYRSGSGRCIQMWFDQAQGNPN

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	EEVARFYAAAMHVNAGEMLHGTGGLLLSLALMLQLWLLG
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	FOLR2 folate receptor 2 (fetal) [Homo sapiens]
Official Symbol	FOLR2
Synonyms	FOLR2; folate receptor 2 (fetal); folate receptor beta; FBP; folate receptor, beta; folate receptor, fetal/placental; placental folate-binding protein; folate-binding protein, fetal/placental; FR-P3; FR-BETA; BETA-HFR; FBP/PL-1;
Gene ID	2350
mRNA Refseq	NM_000803
Protein Refseq	NP_000794
MIM	136425

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UniProt ID

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