

Recombinant Human FOLR2

Cat. No. FOLR2-28943TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human FOLR2 with N terminal proprietary tag; Predicted MWt 35.86 kDa including the tag.
Species	Human
Source	Wheat Germ
ProteinLength	93 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.
Molecular Weight	35.860kDa
Tissue specificity	Expressed in placenta and hematopoietic cells. Expression is increased in malignant tissues.
Form	Liquid

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Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.79% Tris HCl, 0.3% Glutathione
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	HHKTKPGPEDKLHDQCSPWKKNACCTASTSQELHKDTSRLYNFNWDHCGKMEPA CKRHFIQDTCLYECSPNLGPWIQQVNQTWKRFLLDVPL
Sequence Similarities	Belongs to the folate receptor family.

GENE INFORMATION

Gene Name	FOLR2 folate receptor 2 (fetal) [Homo sapiens]
Official Symbol	FOLR2
Synonyms	FOLR2; folate receptor 2 (fetal); folate receptor beta;
Gene ID	2350
mRNA Refseq	NM_000803
Protein Refseq	NP_000794
MIM	136425
Uniprot ID	P14207
Chromosome	11q13.3-q14.1

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Location	
Pathway	Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem;
Function	folic acid binding; receptor activity;

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