Recombinant Human FOLR2 Protein, His-tagged

Cat. No. FOLR2-254H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human FOLR2 protein with His tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	255
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.
Form	Lyophilized
Molecular Mass	26 kDa
AA Sequence	MVWKWMPLLLLLVCVATMCSAQDRTDLLNVCMDAKHHKTKPGPEDKLHDQCSPW KKNACCTASTSQELHKDTSRLYNFNWDHCGKMEPACKRHFIQDTCLYECSPNLGP WIQQVNQSWRKERFLDVPLCKEDCQRWWEDCHTSHTCKSNWHRGWDWTSGVN

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	KCPAGALCRTFESYFPTPAALCEGLWSHSYKVSNYSRGSGRCIQMWFDSAQGNPN EEVARFYAAAMHVNAGEMLHGTGGLLLSLALMLQLWLLG
Purity	> 98%
Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name	FOLR2 folate receptor 2 (fetal) [Homo sapiens (human)]
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;

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Gene ID	2350
mRNA Refseq	NM_000803
Protein Refseq	NP_000794
MIM	136425
UniProt ID	P14207

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