

Recombinant Human FOLR2 Protein (19-230 aa), His-tagged

Cat. No. FOLR2-2815H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FOLR2 Protein (19-230 aa) is produced by Baculovirus expression system. This protein is fused with a 10xHis tag at the N-terminal. Research Area: Metabolism. Protein Description: Partial.
Species	Human
Source	Insect Cells
ProteinLength	19-230 aa
Description	Binds to folate and reduced folic acid derivatives and mediates delivery of 5-methyltetrahydrofolate and folate analogs into the interior of cells. Has high affinity for folate and folic acid analogs at neutral pH. Exposure to slightly acidic pH after receptor endocytosis triggers a conformation change that strongly reduces its affinity for folates and mediates their release.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	27.1 kDa
AA Sequence	CSAQDRTDLLNVCMDAKHHKTKPGPEDKLHDQCSPWKKNACCTASTSQELHKDTS RLYNFNWDHCGKMEPACKRHFIQDTCLYECSPNLGPWIQQVNQSWRKERFLDVPL CKEDCQRWWEDCHTSHTCKSNWHRGWDWTSGVKNKCPAGALCRTFESYFPTPAA LCEGLWSHSYKVSNYSRGSGRCIQMWFDQAQGNPNEEVARFYAAAMHVN

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Purity	> 85% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

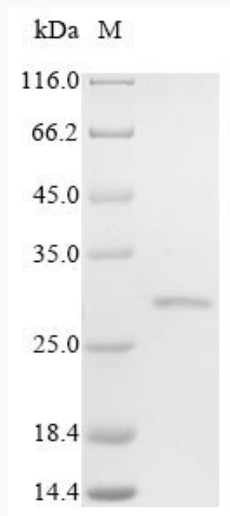
GENE INFORMATION

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; FR-P3; FR-BETA; BETA-HFR; FBP/PL-1;
Gene ID	2350
mRNA Refseq	NM_000803
Protein Refseq	NP_000794
MIM	136425
UniProt ID	P14207

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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