

Recombinant Human FOLR1 Protein, His-tagged

Cat. No. FOLR1-251H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human FOLR1 protein with His tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	257
Description	The protein encoded by this gene is a member of the folate receptor family. Members of this gene family bind folic acid and its reduced derivatives, and transport 5-methyltetrahydrofolate into cells. This gene product is a secreted protein that either anchors to membranes via a glycosyl-phosphatidylinositol linkage or exists in a soluble form. Mutations in this gene have been associated with neurodegeneration due to cerebral folate transport deficiency. Due to the presence of two promoters, multiple transcription start sites, and alternative splicing, multiple transcript variants encoding the same protein have been found for this gene.
Form	Lyophilized
Molecular Mass	25.4 kDa
AA Sequence	MAQRMTTQLLLLLLVWVAVVGEAQTRIAWARTELLNVCMNAKHHKEKPGPEDKLHE QCRPWRKNACCSTNTSQEAHKDVSYLRFNWNHCGEMAPACKRHFIQDTCLYEC SPNLGPWIQQVDQSWRKERV LNVPLCKEDCEQWWEDCRTSYTCKSNWHKGWNW TSGFNKCAVGAACQPFHFYFPTPTVLCNEIWTHSYKVSNSYRSGSGRCIQMWFDPA

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QGNPNEEVARFYAAAMSGAGPWAAWPFLLSLALMLLWLLS

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 FOLR1 folate receptor 1 (adult) [Homo sapiens (human)]

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;

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Gene ID	2348
mRNA Refseq	NM_000802
Protein Refseq	NP_000793
MIM	136430
UniProt ID	P15328

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