

Recombinant Human OLR1 protein, His-Avi-tagged

Cat. No. OLR1-061H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FOLR1 Protein is expressed from mammalian with a poly-His and Avi tag at the C-terminal It contains Arg25-Met233.
Species	Human
Source	HEK293
ProteinLength	It contains Arg25-Met233 .
Description	Folate Receptor 1 (FOLR1), also known as Folate Receptor alpha and Folate Binding Protein (FBP), is a 37 - 42 kDa protein that mediates the cellular uptake of folic acid and reduced folates. Dietary folates are required for many key metabolic processes including nucleotide and methionine synthesis, the interconversion of glycine and serine, and histidine breakdown. FOLR1 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.
Form	Supplied as 0.22um filtered solution in PBS (pH 7.4).
Molecular Mass	The Protein has a calculated MW of 27.5kDa. As a result of glycosylation, the protein migrates to 38-45 kDa based on Bis-Tris PAGE.
Endotoxin	Less than 0.2EU per ug by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC

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Storage The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name OLR1 oxidized low density lipoprotein (lectin-like) receptor 1 [Homo sapiens]

Official Symbol OLR1

Synonyms FOLR; FOLR1; FR-alpha;Adult folate-binding protein; FBP; folate binding protein; folate receptor 1 (adult); Folate receptor 1; folate receptor alpha; Folate receptor, adult; Folbp1; KB cells FBP; MOv18; Ovarian tumor-associated antigen MOv18

Gene ID 4973

mRNA Refseq NM_001172632

Protein Refseq NP_001166103

MIM 602601

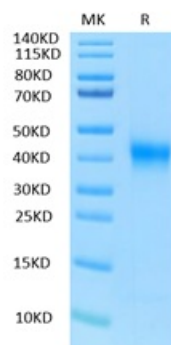
UniProt ID P78380

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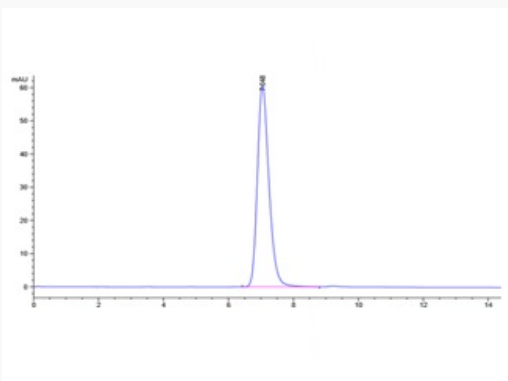
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Tris-Bis PAGE



HPLC data



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