

32-13239: FOLR1 Human, Sf9

Alternative Name : Folate Receptor 1, Ovarian Tumor-Associated Antigen MOv18, Adult Folate-Binding Protein, Folate Receptor 1 (Adult), Folate Receptor Adult, Folate Receptor Alpha, KB Cells FBP, FR-Alpha, FOLR, FBP, Folate Binding Protein, FOLR1.

Description

Source: Sf9, Baculovirus cells.

Sterile Filtered colorless solution.

Folate Receptor 1, also known as FOLR1, is a part of the folate receptor family whose members bind folic acid. FOLR1 binds to folate and reduced folic acid derivatives and facilitates transfer of 5-methyltetrahydrofolate and folate analogs into the cells. FOLR1 is either attaches to membranes through a glycosyl-phosphatidylinositol linkage or exists in a soluble form. FOLR1 is also needed for embryonic development and normal cell proliferation.

FOLR1 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 218 amino acids (26-234a.a.) and having a molecular mass of 25.6kDa (Molecular size on SDS-PAGE will appear at approximately 28-40kDa). FOLR1 is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount : 1 µg / 5 µg

Purification : Greater than 90.0% as determined by SDS-PAGE.

Content : FOLR1 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid : ADLIAWARTE LLNVCMNAKH HKEKPGPEDK LHEQCRPWRK NACCSTNTSQ EAHKDVSYLY
RFNWNHCGEM APACKRHFIQ DTCLYECSPN LGPWIQVDQ SWRKERVNLV PLCKEDCEQW
WEDCRTSYTC KSNWHKGWNW TSGFNKCAVG AACQPFHFYF PTPTVLCNEI WTHSYKVSNY
SRGSGRCIQM WFDPAQGNPN EEVARFYAAA MSHHHHHH.