

32-13238: FOLR1 Human

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

Description

Source: Escherichia Coli.

Sterile Filtered clear 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 E.Coli is a single, non-glycosylated polypeptide chain containing 233 amino acids (25-234 a.a) and having a molecular mass of 27kDa. FOLR1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount : 5 µg / 20 µg

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

Content : FOLR1 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0) 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 : MGSSHHHHHH SSGLVPRGSH MGSRIAWART ELLNVCMNAK HHKEKPGPED KLHEQCRPWR
KNACCSTNTS QEAHKDVSYL YRFNWNHCGE MAPACKRHFI QDTCLYECSP NLGPWIIQQVD
QSWRKERVNL VPLCKEDCEQ WWEDCRTSYT CKSNWHKGWN WTSGFNKCAV GAACQPFHFY
FPTPTVLCNE IWTHSYKVS NYSRSGSGRCIQ MWFDPAQGNP NEEVARFYAA AMS.