

32-13773: FOLR2 Human

Format :	The FOLR2 solution (0.25mg/ml) contains 10% glycerol and Phosphate-Buffered Saline (pH 7.4).
Alternative Name :	Folate receptor beta, FR-beta, Folate receptor 2, Folate receptor, fetal/placental, Placental folate-binding protein, BETA-HFR Protein, FBP/PL-1 Protein, FR-BETA Protein, FR-P3 Protein, FRbeta, FR-BETA, FBP/PL1, BETA-HFR, FBP, FOLR2

Description

Source: HEK293 Cells.

Physical Appearance: Sterile Filtered colorless solution.

Biological Activity: ED50 Range is = 5 ug/ml. The Biological activity is measured by the protein's binding ability in a functional ELISA with Folic Acid-BSA.

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 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.

FOLR2 Human Recombinant is a single, glycosylated polypeptide chain containing 215 amino acids (22-230a.a) and having a molecular mass of 25.1kDa. FOLR2 is fused to a 6 a.a His tag at C-terminal, and is purified by proprietary chromatographic techniques.

Product Info

Amount :	10 µg / 2 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
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 :	QDRTDLLNVC MDAKHHKTKP GPEDKLHDQC SPWKKNACCT ASTSQELHKD TSRLYNFNWD HCGKMEPACK RHFIQDTCLY ECSPNLGPWI QQVNQSWRKE RFLDVPLCKE DCQRWWEDCH TSHTCKSNWH RGWDWTSGVN KCPAGALCRT FESYFPTPAA LCEGLWSHSY KVSNYSRGSG RCIQMWFD SA QGNPNEEVAR FYAAAMHVN HHHHH