
Product Data Sheet

Product Name: FOLR1 Human, Sf9

Cat. No.: GP23508

Batch No.: 1

Product Data

Purity >98% Source Sf9, Baculovirus cells.

Physical Appearance solid Shipping Condition Shipped with Ice Packs.

Synonyms 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.

Amino Acid Sequence
ADLIAWARTE LLNVCMNAKH HKEKPGPEDK LHEQCRPWRK NACCSTNTSQ
EAHKDVSYLY RFNWNHCGEM APACKRHFIQ DTCLYECSPN LGPWIQQVDQ
SWRKERV LNV PLCKEDCEQW WEDCRTSYTC KSNWHKGNW TSGFNKCAVG
AACQPFHFYF PTPTVLCNEI WTHSYKVSNY SRGSGRCIQM WFDPAQGNPN
EEVARFYAAA MSHHHHHH.

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

Introduction

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.

Stability

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.

Background

Caution: Product has not been fully validated for medical applications. For research use only.

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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.

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