
Product Data Sheet

Product Name: FOLR1 Human
 Cat. No.: GP23507
 Batch No.: 1

Product Data

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|---------------------|--|--------------------|-------------------------|
| Purity | >98% | Source | Escherichia Coli. |
| Physical Appearance | solid | Shipping Condition | Shipped with Ice Packs. |
| Synonyms | 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. | | |
| Amino Acid Sequence | MGSSHHHHHH SGLVPRGSH MGSRIAWART ELLNVCMNAK HHKEKPGPED KLHEQCRPWR KNACCSTNTS QEAHKDVSYL YRFNWNHCGE MAPACKRHF QDTCLYECSPLGLPWIQQVD QSWRKERVLN VPLCKEDCEQ WWEDCRTSYT CKSNWHKGNW WTSGFNKCAV GAACQPFHFY FPTPTVLCNE IWTHSYKVS NYSRGSGRCIQ MWFDPAQGNP NEEVARFYAA AMS. | | |
| Formulation | FOLR1 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0) 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 attached 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 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.

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