

FOLR1, 25-234 aa, Human, His tag, E.coli

Cat.NO.: TP02144

3th Edition

Synonyms:Folate receptor alpha, FBP, FOLR

Description:FOLR1 is a member of the folate receptor family. Members of this gene family bind folic acid and its reduced derivatives, and transport 5-methyltetrahydrofolate into cells. This protein is a secreted protein that either anchors to membranes via a glycosyl-phosphatidylinositol linkage or exists in a soluble form. Mutations in this gene have been associated with neurodegeneration due to cerebral folate transport deficiency. Due to the presence of two promoters, multiple transcription start sites, and alternative splicing, multiple transcript variants encoding the same protein have been found for this gene. Recombinant human FOLR1 protein, fused to His-tag at N-terminus, was expressed in E.coli.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

Molecular Weight:27.0 kDa (233aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSR IAWARTELLNVCMNAKHHKEKPGPEDKLHEQCRPWRKNACCSTNTS QEA
HKDVSYL YRFNWNHCGEMAPACKRHF IQDTCLYECSPNLGPW IQQVDQSWRKERV LNVPLCKEDCEQWWEDCR
TSYTCKSNWHKGNWTS GFNKCAVGAACQPFHFYFPTPTVLCNEIWTHSYKVS NYSRGSGR CIQMWFDP AQGN
PNEEVARFYAAAMS

Purity:> 95% by HPLC

Concentration:0.5mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.