

FOLR1, 26-234aa, Human, His-tag, Baculovirus

Cat.NO.: TP02145

3th Edition

Synonyms:Folate receptor alpha, FOLR1, FBP, FOLR

Description:FOLR1, as known as folate receptor alpha, is a member of the folate receptor family. This protein mediates the cellular uptake of folic acid and reduced folates. Dietary folates are required for many key metabolic processes including nucleotide and methionine synthesis, the interconversion of glycine and serine, and histidine breakdown. Also, mature form is an N-glycosylated protein that is anchored to the cell surface by a GPI linkages. Recombinant human FOLR1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Form:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Molecular Weight:25.6kDa (218aa), 28-40kDa (SDS-PAGE under reducing conditions.)

Sequences:

ADLIAWARTELLNVCMNAKHHKEKPGPEDKLHEQCRPWRKNACCSTNTSQEAHKDVSYLRFNWNHCGEMAPA
CKRHFIQDTCLYECSNLPWIIQQVDQSWRKERVNLNPLCKEDCEQWWEDCRTSYTCKSNWHKGWNTSGFN
KCAVGAACQPFHFYFPTPTVLCNEIWTSHSYKVSNSYRSGSGRCIQMWFDPAQGNPNEEVARFYAAAMSHHHHHH

Purity:> 95% by HPLC

Concentration:0.25mg/ml (determined by Absorbance at 280nm)

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.