

Recombinant human FOLR1 protein

Catalog Number: ATGP2938

PRODUCT INFORMATION

Expression system

E.coli

Domain

25-234aa

UniProt No.

P15328

NCBI Accession No.

NP_057936

Alternative Names

Folate receptor alpha, FBP, FOLR

PRODUCT SPECIFICATION

Molecular Weight

27 kDa (233aa)

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

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

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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

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at N-terminus, was expressed in E. coli.

Amino acid Sequence

MGSSHHHHHH SSGLVPRGSH MGSRIAWART ELLNVCMNAK HHKEKPGPED KLHEQCRPWR KNACCSTNTS
QEAHKDVSYL YRFNWNHCGE MAPACKRHFQ QDTCLYECSP NLGPWQQVD QSWRKERVNL VPLCKEDCEQ
WWEDCRTSYT CKSNWHKGNW WTSGFNKCAV GAACQPFHFY FPTPTVLCNE IWTHSYKVSQ YSRGSGRCIQ
MWFDPAQGNP NEEVARFYAA AMS

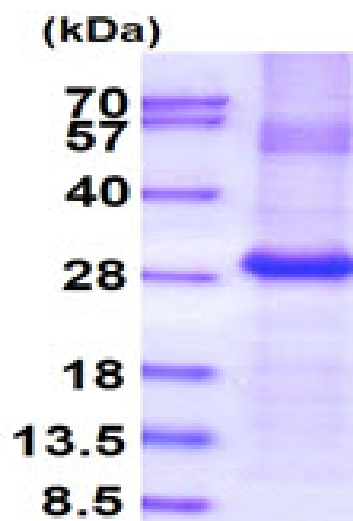
General References

Lacey S.W., et al. (1989) J. Clin. Invest. 84:715-720.

Orr R.B., et al. (1994) Cancer Res. 54:3905-3911.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)