Recombinant human FOLR1 protein

Catalog Number: ATGP3518

PRODUCT INFORMATION

Expression system
Baculovirus

Domain
26-234aa

UniProt No.
P15328

NCBI Accession No.
NP_000793.1

Alternative Names
Folate receptor alpha, FOLR1, FBP, FOLR

PRODUCT SPECIFICATION

Molecular Weight
25.6 kDa (218aa)

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

Formulation
Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

Purity
> 90% by SDS-PAGE

Endotoxin level
< 1 EU per 1ug of protein (determined by LAL method)

Tag
His-Tag

Application
SDS-PAGE

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, as known as folate receptor alpha, is a member of the folate receptor family. This protein meditates the cellular uptake of folic acid and reduced folates. Dietary folates are required for many key metabolic processes including nucleotide ad 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.

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Recombinant human FOLR1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Amino acid Sequence

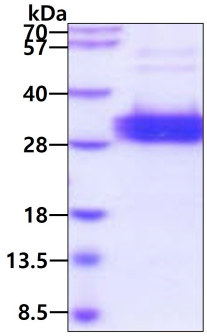
<ADL>IAWARTE LLNVCMNAKH HKEKPGPEDK LHEQCRPWRK NACCSTNTSQ EAHKDVSYLY RFNWNHCGEM APACKRHFIQ DTCLYECSPN LGPWIQQVDQ SWRKERVLNV PLCKEDCEQW WEDCRTSYTC KSNWHKGWNW TSGFNKCAVG AACQPFHFYF PTPTVLCNEI WTHSYKVSNY SRGSGRCIQM WFDPAQGNPN EEVARFYAAA MS<HHHHHH>

General References

Hansen MJ., et al, (2015) Inflamm. Res. 64:697-706.
Ab O., et al, (2015) Mol. Cancer Ther. 14:1605-1613.

DATA

SDS-PAGE



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