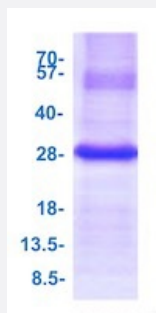


FOLR1 (Human) Recombinant Protein

Catalog # P7788

Size 500 ug

Applications



SDS-PAGE analysis of FOLR1 (Human) Recombinant Protein

Specification

Product Description	Human FOLR1 (NP_057936, 25 a.a. - 234 a.a) partial recombinant protein with His tag expressed in <i>Escherichia coli</i> .
Sequence	MGSSHHHHHHSSGLVPRGSHMGSRIAWARTELLNVCMAKHHKEKPGPEDKLHEQCRPWKNAACSTNTSQEAHKDVSYLRFNWNHCGEMAPACKRHFIQDTCLYECSPNLGPWQQVDQSWRKERVNLNPLCKEDCEQWWEDCRTSYTCKSNWHKGWNWTSGFNKCAVGAACQPFHFYFPTPTVLCNEIWTHTSYKVSNYSRGSGRCIQMWFDPAQGNPNEEVARFYAAAMS
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	27
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 85% by SDS-PAGE
Quality Control Testing	3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain. SDS-PAGE analysis of FOLR1 (Human) Recombinant Protein
Recommend Usage	SDS-PAGE Denatured The optimal working dilution should be determined by the end user.

Storage Buffer

In 20mM Tris-HCl buffer, pH8.0 (10% glycerol).

Storage Instruction

Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- [SDS-PAGE](#)

Gene Info — FOLR1

Entrez GeneID[2348](#)**Protein Accession#**[P15328](#)**Gene Name**

FOLR1

Gene Alias

FBP, FOLR, FR-alpha, MOv18

Gene Description

folate receptor 1 (adult)

Omim ID[136430](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene is a member of the folate receptor (FOLR) family. Members of this gene family have a high affinity for folic acid and for several reduced folic acid derivatives, and mediate delivery of 5-methyltetrahydrofolate to the interior of cells. This gene is composed of 7 exons; exons 1 through 4 encode the 5' UTR and exons 4 through 7 encode the open reading frame. Due to the presence of 2 promoters, multiple transcription start sites, and alternative splicing of exons, several transcript variants are derived from this gene. These variants differ in the lengths of 5' and 3' UTR, but they encode an identical amino acid sequence. [provided by RefSeq]

Other Designations

folate binding protein|folate receptor 1

Disease

- [Arthritis](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)

- [Colorectal Neoplasms](#)
- [Dementia](#)
- [Diabetes Mellitus](#)
- [Ductus Arteriosus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Heart Defects](#)
- [Hyperhomocysteinemia](#)
- [Hyperparathyroidism](#)
- [Infant](#)
- [Infertility](#)
- [Meningomyelocele](#)
- [Neural Tube Defects](#)
- [Spinal Dysraphism](#)
- [Stomach Neoplasms](#)
- [Tobacco Use Disorder](#)