

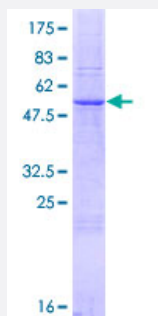
Full-Length

FOLR2 (Human) Recombinant Protein (P01)

Catalog # H00002350-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human FOLR2 full-length ORF (AAH58036.1, 1 a.a. - 255 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MVWKWMPLLLLLVCVATMCSAQDRTDLLNVCMDAKHHKTKPGPEDKLHDQCSPWKKNACCTA
STSQELHKDTSRLYNFNWDHCGKMEPACKRHFIQDTCLYECSPNLGPWQQVQNSWRKERFLD
VPLCKEDCQRWWEDCHTSHTCKSNWHRGWDWTSGVNKCPAGALCRTFESYFPTPAALCEGL
WSHSYKVSNNYSRSGRGIQMWFDQAQGNPNEEVARFYAAAMHVNAGEMLHGTGGLLLSLALML
QLWLLG

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

55.7

Interspecies Antigen Sequence

Mouse (77); Rat (78)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — FOLR2

Entrez GeneID[2350](#)**GeneBank Accession#**[BC058036.1](#)**Protein Accession#**[AAH58036.1](#)**Gene Name**

FOLR2

Gene Alias

BETA-HFR, FBP/PL-1, FR-BETA, FR-P3

Gene Description

folate receptor 2 (fetal)

Omim ID[136425](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene is a member of the folate receptor (FOLR) family, and these genes exist in a cluster on chromosome 11. Members of this gene family have a high affinity for folic acid and for several reduced folic acid derivatives, and they mediate delivery of 5-methyltetrahydrofolate to the interior of cells. This protein has a 68% and 79% sequence homology with the FOLR1 and FOLR3 proteins, respectively. Although this protein was originally thought to be specific to placenta, it can also exist in other tissues, and it may play a role in the transport of methotrexate in synovial macrophages in rheumatoid arthritis patients. Multiple transcript variants that encode the same protein have been found for this gene. [provided by RefSeq]

Other Designations

folate receptor 2|folate receptor, beta|folate-binding protein, fetal/placental

Disease

- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Heart Defects](#)
- [Hyperparathyroidism](#)
- [Meningomyelocele](#)
- [Neural Tube Defects](#)
- [Spinal Dysraphism](#)