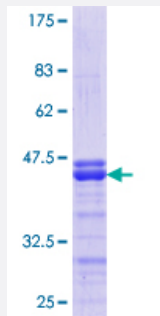


FRMD3 (Human) Recombinant Protein (Q01)

Catalog # H00257019-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human FRMD3 partial ORF (NP_777598.2, 393 a.a. - 480 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	SAPLISSSPVKAAREYEDPPSEEDDKIKEEPLTISELVYNPSASLLPTVDDDEIDMLFDCPSRLELEREDTDSFEDLEADENAFLIA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.42
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 — FRMD3

Entrez GeneID [257019](#)

GeneBank Accession# [NM_174938](#)

Protein Accession# [NP_777598.2](#)

Gene Name FRMD3

Gene Alias 4.1O, EPB41L4O, EPB41LO, MGC20553, P410

Gene Description FERM domain containing 3

Omim ID [607619](#)

Gene Ontology [Hyperlink](#)

Gene Summary Protein 4.1 of red blood cells, or 4.1R (EPB41; MIM 130500), is a multifunctional protein essential for maintaining erythrocyte shape and membrane mechanical properties. The protein 4.1 family comprises a group of structural proteins that includes, in addition to 4.1R, 4.1G (general type; MIM 603237), 4.1B (brain type; MIM 605331), 4.1N (neuron type; MIM 602879), and 4.1O (ovary type). [supplied by OMIM]

Other Designations OTTHUMP00000063598|band 4.1-like protein 4|protein 4.1O

Disease

- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)

- [Proteinuria](#)
- [Tobacco Use Disorder](#)