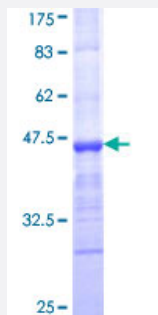


MMRN1 (Human) Recombinant Protein (Q01)

Catalog # H00022915-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human MMRN1 partial ORF (NP_031377, 291 a.a. - 390 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	IHTNQAESHTAVGRGVAEQQQQQGC GDPEVMQKMTDQVNYQAMKLTLLQKKIDNISLTVNDVRN TYSSLEGKVSEDKSREFQSLLKGLKSKSINVLIRDI
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (65); Rat (65)
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 — MMRN1

Entrez GeneID [22915](#)

GeneBank Accession# [NM_007351](#)

Protein Accession# [NP_031377](#)

Gene Name MMRN1

Gene Alias ECM, EMILIN4, GPIa*, MMRN

Gene Description multimerin 1

Omim ID [601456](#)

Gene Ontology [Hyperlink](#)

Gene Summary Multimerin is a massive, soluble protein found in platelets and in the endothelium of blood vessels. It is comprised of subunits linked by interchain disulfide bonds to form large, variably sized homo multimers. Multimerin is a factor V/Va-binding protein and may function as a carrier protein for platelet factor V. It may also have functions as an extracellular matrix or adhesive protein. Recently, patients with an unusual autosomal-dominant bleeding disorder (factor V Quebec) were found to have a deficiency of platelet multimerin. [provided by RefSeq]

Other Designations OTTHUMP00000161558|glycoprotein Ia*

Publication Reference

- [VacA, the vacuolating cytotoxin of Helicobacter pylori, binds to multimerin 1 on human platelets.](#)

Satoh K, Hirayama T, Takano K, Suzuki-Inoue K, Sato T, Ohta M, Nakagomi J, Ozaki Y.

Thrombosis Journal 2013 Nov; 11(1):23.

Application: PI, Recombinant protein

Disease

- [Colorectal Neoplasms](#)