

Recombinant Human MMRN1 protein, His-tagged

Cat. No. MMRN1-7952H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MMRN1 aa. (Ala807~Gly1053 (Accession # Q13201)) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Ala807~Gly1053
Description	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 homomultimers. 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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 29.6kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%

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Characteristic	The isoelectric point is 9.4.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	MMRN1 multimerin 1 [Homo sapiens (human)]
Official Symbol	MMRN1
Synonyms	MMRN1; multimerin 1; ECM; MMRN; GPIa*; EMILIN4; multimerin-1; EMILIN-4; elastin microfibril interface located protein 4; elastin microfibril interfacier 4; endothelial cell multimerin; glycoprotein Ia*
Gene ID	22915
mRNA Refseq	NM_007351.2

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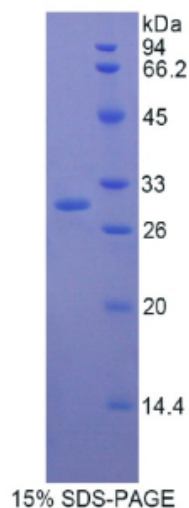
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Protein Refseq NP_031377.2

UniProt ID Q13201

SDS-PAGE



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