

Recombinant Human MMRN2 Protein, His-tagged

Cat. No. MMRN2-2452H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MMRN2 Protein (Gln23-Val188) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gln23-Val188
Description	This gene encodes a protein belonging to the member of elastin microfibril interface-located (EMILIN) protein family. This family member is an extracellular matrix glycoprotein that can interfere with tumor angiogenesis and growth. It serves as a transforming growth factor beta antagonist and can interfere with the VEGF-A/VEGFR2 pathway. A related pseudogene has been identified on chromosome 6.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 22.0 kDa Accurate Molecular Mass: 28 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	MMRN2 multimerin 2 [Homo sapiens (human)]
Official Symbol	MMRN2
Synonyms	MMRN2; multimerin 2; EMILIN3; EMILIN-3; ENDOGLYX-1; multimerin-2 EMILIN-like protein EndoGlyx-1 elastin microfibril interface located protein 3 elastin microfibril interfacier 3 endoGlyx-1 p125/p140 subunit
Gene ID	79812
mRNA Refseq	NM_024756
Protein Refseq	NP_079032

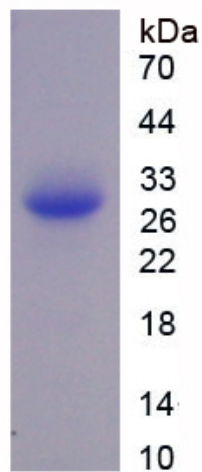
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MIM 608925

UniProt ID Q9H8L6



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