

# Recombinant Full Length Human MMRN2 Protein, GST-tagged

Cat. No. MMRN2-6283HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human MMRN2 full-length ORF ( AAH94744.1, 1 a.a. - 949 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	949 amino acids
<b>Description</b>	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. [provided by RefSeq, Aug 2012]
<b>Molecular Mass</b>	130.8 kDa
<b>AA Sequence</b>	MILSLLFSLGGPLGWGLLGAWAQASSTLSLDLQSSRTPGVWKAEEAEDTGKDPVGR NWCPYPMSKLVTLALCKTEKFLIHSQQPCPQGAPDCQKVKVMYRMAHKPVYQVK QKVLTSLAWRCCPGYTGPNCEHHDSMAIPEPADPGDSHQEPQDGPVSFKPGHLAA VINEVEVQQEQQEHLGLDQNDVHRVADSLPGLWKALPGNLTAAVMEANQTGHEF PDRSLEQVLLPHVDTFLLQVHFSPiWRSFNQSLHSLTQAIRNLSLDVEANRQAISR VQ DSAVARADFQELGAKFEAKVQENTQRVGQLRQDVEDRLHAQHFTLHRSISELQADV DTKLKRLHKAQEAPGTNGSLVLATPGAGARPEPDSLQARLGQLQRNLSLHMTTAR

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REEELQYTLEDMRATLTRHVDEIKELYSESEDETFDQISKVERQVEELQVNHTALREL  
 RVILMEKSLIMEENKEEVERQLLELNLTLQHLQGGHADLIKYVKDCNCQKLYLDLDVI  
 REGQRDATRALEETQVSLDERRQLDGSSLQALQNAVDAVSLAVDAHKAEGERARA  
 ATSRLRSQVQALDDEVGALKAAAAEARHEVRQLHSAFAALLEDALRHEAVLAALFGE  
 EVLEEMSEQTPGPLPLSYEQIRVALQDAASGLQEALGWDELAARVTALEQASEPP  
 RPAEHLEPSHDAGREEAATTALAGLARELQSLSDVKNVGRCCAEAGAGAASLNA  
 SLDGLHNALFATQRSLEQHQRLFHSLFGNFQGLMEANVSLDLGKLQTMLSRKGKKQ  
 QKDLEAPRKRDKKEAEPLVDIRVTGPVPGALGAALWEAGSPVAFYASFSEGTAALQ  
 TVKFNTTYINIGSSYFPEHGYFRAPERGVYLFVAVSVEFGPGPGTGQLVFGGHHRTPV  
 CTTGQGSSTATVFAMAELQKGERVWFELTQGSITKRSLSGTAFGGFLMFKT

<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	MMRN2 multimerin 2 [ Homo sapiens (human) ]
<b>Official Symbol</b>	MMRN2
<b>Synonyms</b>	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

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Gene ID	79812
mRNA Refseq	NM_024756
Protein Refseq	NP_079032
MIM	608925
UniProt ID	Q9H8L6

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