

Recombinant Full Length Human EMILIN1 Protein, GST-tagged

Cat. No. EMILIN1-4243HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EMILIN1 full-length ORF (AAH07530, 1 a.a. - 347 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	347 amino acids
Description	This gene encodes an extracellular matrix glycoprotein that is characterized by an N-terminal microfibril interface domain, a coiled-coiled alpha-helical domain, a collagenous domain and a C-terminal globular C1q domain. The encoded protein associates with elastic fibers at the interface between elastin and microfibrils and may play a role in the development of elastic tissues including large blood vessels, dermis, heart and lung. [provided by RefSeq, Sep 2009]
Molecular Mass	63.91 kDa
AA Sequence	MADLGATKDRIISEINRLQQEATEHATESEGRFRGLEEGQAQAGQCPSLEGRRLGRLE EGVCERLDTVAGGLQGLREGLSRHVAGLWAGLRETNTTSQMQAALLEKLVGGQAG LGRRLGALNSSLQLLLEDRLHQLSLKDLTGEGTKGPAGEAGPPGPPGLQGPPGPAG PPGSPGKDGQEGPIGPPGPQGEQGVGAPAAPVPQVAFSAALSLRSEPGTVPFD RVLLNDGGYYDPETGVFTAPLAGRYLLSAVLTGHRHEKVEAVLSRSNQGVARVDSG GYEPEGLEKKPVAESQPSPGTLGVFSLILPLQAGDTVCDLVMGQLAHSEEPLTIFS GALLYGDPELEHA

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

GENE INFORMATION

Gene Name	EMILIN1 elastin microfibril interfacer 1 [Homo sapiens]
Official Symbol	EMILIN1
Synonyms	EMILIN1; elastin microfibril interfacer 1; EMILIN-1; DKFZp586M121; gp115; elastin microfibril interface located protein; elastin microfibril interface-located protein 1; EMI; EMILIN;
Gene ID	11117
mRNA Refseq	NM_007046
Protein Refseq	NP_008977
MIM	130660
UniProt ID	Q9Y6C2

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