

Recombinant Human EMILIN1 Protein, His-tagged

Cat. No. EMILIN1-002H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EMILIN1 Protein (676-1016 aa (partial length)) with 6xHis tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	676-1016
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.
Molecular Mass	39.1 kDa
Purity	>95% confirmed by 10% SDS-PAGE stained with Coomassie Blue (CB), immunoblotting with anti-6xHis (WB).
Applications	ELISA, Western Blot, Antibody Production, Protein array
Quality Control Test	10% SDS-PAGE stained with Coomassie Blue (CB), immunoblotting with anti-6xHis (WB) serum and peptide fingerprinting by MALDI-TOF-TOF mass spectrometry.

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Storage	Store working aliquots at 4 centigrade for up to one week. For extended storage, conserve at -80 centigrade.
Expiry	12 months from the date of purchase, if it is properly stored.
Storage Buffer	Phosphate-Buffered Saline (PBS), pH 7.4. No preservatives added.
Shipping	Dry Ice

GENE INFORMATION

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

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