

Recombinant Human EMILIN1 protein, His-tagged

Cat. No. EMILIN1-3776H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human EMILIN1 protein(1-347 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-347 aa
Tag	N-His
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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AA Sequence

MADLGATKDRIISEINRLQQEATEHATESEERFRGLEEGQAQAGQCPSLEGRLGRLE
GVCERLDTVAGGLQGLREGLSRHVAGLWAGLRETNTTTSQMQAALLEKLVGGQAGL
GRRLGALNSSLQLLEDRLHQLSLKDLTGEGTKGPAGEAGPPGPPGLQGPPGPAGP
PGSPGKDGQEGPIGPPGPQGEQGVGAPAAPVPQVAFSAALS LPRSEPGTVPFDR
VLLNDGGYYDPETGVFTAPLAGRYLLSAVLTGHRHEKVEAVLSRSNQGVARVDSGG
YEPEGLENKPVAESQPSPGTLGVFSLILPLQAGDTVCDLVMGQLAHSEEPLTIFSG
ALLYGDPELEHA

GENE INFORMATION

Gene Name	EMILIN1 elastin microfibril interfacier 1 [Homo sapiens]
Official Symbol	EMILIN1
Synonyms	EMILIN1; elastin microfibril interfacier 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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SDS-PAGE



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