

Recombinant Human EMILIN2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. EMILIN2-4480H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	EMILIN2 MS Standard C13 and N15-labeled recombinant protein (NP_114437) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	May be responsible for anchoring smooth muscle cells to elastic fibers, and may be involved not only in the formation of the elastic fiber, but also in the processes that regulate vessel assembly. Has cell adhesive capacity.
Molecular Mass	115.5 kDa
AA Sequence	MWQPRRPWPRVPWRWALALLALVGAGLCHAGPQPGYPARPSARNKNWCAYIVNK NVSCSVLEGSESFIAQYNCANQMPCPSALVYRVNFRPRYVTRYKTVTQLEWRC CPGFRGGDCQEGPKDPVKTLRPTPARPRNSLKKATDNEPSQFSEPRKTLSPGTGA QPSWGVDPKKEGPQELQEKKIQVLEEKVLRRLTRTVLDLQSSLAGVSENLKHATQDDA SRTRAPGLSSQHPKPDTTVSGDTETGQSPGVFNTKESGMKDIKSELAEVKDTLKNK SDKLEELDGGKVKGYEGQLRQLQEAAQGPTVTMTTNELYQAYVDSKIDALREELMEG MDRKLADLKNSCEYKLTGLQQQCDYGGSSYLGVIELIGEKETSLRKEINNLRARLQE PSAQANCCDSEKNGDIGQIQIKTLDQKIERVAEATRMLNGRLDNEFDRLIVPEPDVDF DAKWNELDARINVTEKNAEEHCIFYIEETLRGAINGEVDLQKQLVDQKIQSLEDRLGS VLLQMTNNTGAELSPPGAAALPGVSGSGDERVMMELNHLKDKVQVVEDICLLNIQG

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KPHGMEGALPNREDRAVRDSLHLLKSLNDTMHRKFQETEQTIQKLQQDFSFLYSQ
 NHTENDVTHLQKEMSNCRAGENAGMGRFTKVGEQERTVDTLPSPQHPVAHCCSQ
 LEERWQRLQSQVISELDACKECTQGVQREVSMVEGRVSHMEKTCSKLDsisGNLQ
 RIKEGLNKHVSSLWNCVRQMNGTLRSHSRDISGLKNSVQQFYSHVFQISTDLQDLV
 KFQPSAKAPSPPPPAEAPKEPLQPEPAPPRPSGPATAEDPGRRPVLPQRPPEERPP
 QPPGSTGVIAETGQAGPPAGAGVSGRGLPRGVDGQTGSGTVPGAEGFAGAPGYP
 KSPPVASPGAPVPSLVFSAGLTQKPFPSDGGVVLFNKVLVNDGDVYNPSTGVFTA
 PYDGRYLITATLTPERDAYVEAVLSVSNASVAQLHTAGYRREFLEYHRPPGALHTCG
 GPGAFHLIVHLKAGDAVNVVVTGGKLAHTDFDEMYSTFSGVFLYPFLSHLTRTRPLE
 QKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name EMILIN2 elastin microfibril interfacier 2 [Homo sapiens (human)]

Official Symbol EMILIN2

Synonyms EMILIN2; elastin microfibril interfacier 2; EMILIN-2; FLJ33200; FOAP 10; extracellular glycoprotein EMILIN-2; elastin microfibril interface-located protein 2; FOAP-10;

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Gene ID	84034
mRNA Refseq	NM_032048
Protein Refseq	NP_114437
MIM	608928
UniProt ID	Q9BXX0
SDS-PAGE	