Recombinant Human ECM1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ECM1-2351H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ECM1 MS Standard C13 and N15-labeled recombinant protein (NP_004416) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a soluble protein that is involved in endochondral bone formation, angiogenesis, and tumor biology. It also interacts with a variety of extracellular and structural proteins, contributing to the maintenance of skin integrity and homeostasis. Mutations in this gene are associated with lipoid proteinosis disorder (also known as hyalinosis cutis et mucosae or Urbach-Wiethe disease) that is characterized by generalized thickening of skin, mucosae and certain viscera. Alternatively spliced transcript variants encoding distinct isoforms have been described for this gene.
Molecular Mass	60.7 kDa
AA Sequence	MGTTARAALVLTYLAVASAASEGGFTATGQRQLRPEHFQEVGYAAPPSPPLSRSLP MDHPDSSQHGPPFEGQSQVQPPPSQEATPLQQEKLLPAQLPAEKEVGPPLPQEAV PLQKELPSLQHPNEQKEGMPAPFGDQSHPEPESWNAAQHCQQDRSQGGWGHRL DGFPPGRPSPDNLNQICLPNRQHVVYGPWNLPQSSYSHLTRQGETLNFLEIGYSRC CHCRSHTNRLECAKLVWEEAMSRFCEAEFSVKTRPHWCCTRQGEARFSCFQEEA PQPHYQLRACPSHQPDISSGLELPFPPGVPTLDNIKNICHLRRFRSVPRNLPATDPL

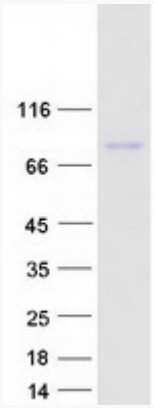
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	QRELLALIQLEREFQRCCRQGNNHTCTWKAWEDTLDKYCDREYAVKTHHHLCCRH PPSPTRDECFARRAPYPNYDRDILTIDISRVTPNLMGHLCGNQRVLTKHKHIPGLIHN MTARCCDLPFPEQACCAEEEKLTFINDLCGPRRNIWRDPALCCYLSPGDEQVNCFNI NYLRNVALVSGDTENAKGQGEQGSTGGTNISSTSEPKEETRTRPLEQKLISEEDLAA NDILDYKDDDDKV
Purity	> 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	ECM1 extracellular matrix protein 1 [Homo sapiens (human)]
Official Symbol	ECM1
Synonyms	ECM1; extracellular matrix protein 1; secretory component p85;
Gene ID	1893
mRNA Refseq	NM_004425
Protein Refseq	NP_004416

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MIM	602201
UniProt ID	Q16610
SDS-PAGE	

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