Recombinant Full Length Human ECM1 Protein, C-Flag-tagged

Cat. No. ECM1-1621HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ECM1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	58.8 kDa
AA Sequence	MGTTARAALVLTYLAVASAASEGGFTATGQRQLRPEHFQEVGYAAPPSPPLSRSLP MDHPDSSQHGPPFE GQSQVQPPPSQEATPLQQEKLLPAQLPAEKEVGPPLPQEAV PLQKELPSLQHPNEQKEGMPAPFGDQSHP EPESWNAAQHCQQDRSQGGWGHRL DGFPPGRPSPDNLNQICLPNRQHVVYGPWNLPQSSYSHLTRQGETL NFLEIGYSR CCHCRSHTNRLECAKLVWEEAMSRFCEAEFSVKTRPHWCCTRQGEARFSCFQEE APQPHYQ LRACPSHQPDISSGLELPFPPGVPTLDNIKNICHLRRFRSVPRNLPATDP

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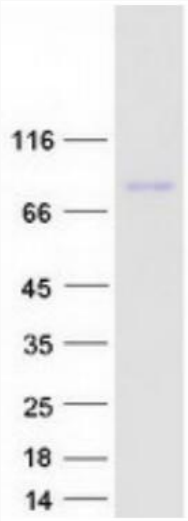
	LQRELLALIQLEREFQRCCR QGNNHTCTWKAWEDTLDKYCDREYAVKTHHHLCCR HPPSPTRDECFARRAPYPNYDRDILTIDISRVTPN LMGHLCGNQRVLTKHKHIPGLIH NMTARCCDLPFPEQACCAEEEKLTFINDLCGPRRNIWRDPALCCYLS PGDEQVNCFNINYLRNVALVSGDTENAKGQGEQGSTGGTNISSTSEPKEETRTRPL EQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Secreted Protein, Transmembrane
Full Length	Full L.

GENE INFORMATION

Gene Name	ECM1 extracellular matrix protein 1 [Homo sapiens (human)]
Official Symbol	ECM1
Synonyms	URBWD
Gene ID	1893

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mRNA Refseq	NM_004425.4
Protein Refseq	NP_004416.2
MIM	602201
UniProt ID	Q16610



Coomassie blue staining of purified ECM1 protein.

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