

## Product datasheet for **TP30118M**

### ECM1 (NM\_004425) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human extracellular matrix protein 1 (ECM1), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201118 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MGTTARAALVLTYLAVASAAASEGGFTATGQRQLRPEHFQEVGYAAPPSPPLSRSLPMDHPDSSQHGPPFE GQSQVQPPPSQEATPLQEQKLLPAQLPAEKEVGPPLPQEAVPLQKELPSLQHPNEQKEGMPAPFGDQSH EPESWNAAQHCQQDRSQGGWGHRLDGFPPGRPSPDNLNQICLPNRQHVYGPWNLQSSYSHLTRQGETL NFLEIGYSRCCHRSHTNRLECAKLVWEEAMSRFCEAEFSVKTRPHWCCTRQGEARFSCFQEEAPQPHYQ LRACPSHQPDIISSGLELPFPPGVPTLDNIKNICHLRRFRSVPRNLPATDPLQRELLALIQLEREFQRCCR QGNNHTCTWKAWEDTLDKYCDREYAVKTHHHLCCRHPPSPTRDECFAARRAPYPNYDRDILTIDISRVTPN LMGHLCGNQRVLTKHKHIPGLIHNMARCCDLPFPEQACCAEEELTFINDLCGPRRNIWRDPALCCYLS PGDEQVNCFNINYLNRNALVSGDTENAKGQGEQGSTGGTNISSSTSEPKKE</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-Myc/DDK
Predicted MW:	58.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP\\_004416](#)

Locus ID: 1893

UniProt ID: [Q16610](#), [A0A140VJ17](#)

RefSeq Size: 2161

Cytogenetics: 1q21.2

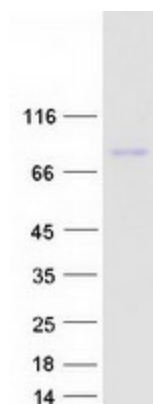
RefSeq ORF: 1620

Synonyms: URBWD

**Summary:** 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 lipid 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. [provided by RefSeq, Feb 2011]

**Protein Families:** Secreted Protein, Transmembrane

### Product images:



Coomassie blue staining of purified ECM1 protein (Cat# [TP301118]). The protein was produced from HEK293T cells transfected with ECM1 cDNA clone (Cat# [RC201118]) using MegaTran 2.0 (Cat# [TT210002]).