

Recombinant Full Length Human ECM1 Protein, GST-tagged

Cat. No. ECM1-4172HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ECM1 full-length ORF (AAH23505, 1 a.a. - 540 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	540 amino acids
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 hyalinosi 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]
Molecular Mass	85.14 kDa
AA Sequence	MGTTARAALVLTYLAVASAAASEGGFTATGQRQLRPEHFQEVGYAAPPSPPLSRSLP MDHPDSSQHGPFFEGQSQVQPPPSQEATPLQQEKLLPAQLPAEKEVGPPLPQEAV PLQKELPSLQHPNEQKEGMPAPFGDQSHPEPESWNAAQHCQQDRSQGGWGHRL DGFPPGRPSPDNLNQICLPNRQHVVYGPWNLPQSSYSHLTRQGETLNFLEIGYSRC CHCRSHTNRLECAKLWEEAMSRFCEAEFSVKTRPHWCCTRQGEARFSCFQEEA

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PQPHYQLRACPSHQPDISSGLELPFPPGVPTLDNIKNICHLRRFRSVPRNLPATDPL
 QRELLALIQLEREFQRCCRQGNNHTCTWKAWEDTLDKYCDREYAVKTHHHLCRRH
 PPSPTRDECFARRAPYPNYDRDILTIDISRATPNLMGHL CGNQRVLT KHKHIPGLIHN
 MTARCCDLPFPEQACCAEEEEKLTFINDLCGPRRNIWRDPALCCYLSPGDEQVNCFNI
 NYLRNVALVSGDTENAKGQGEQGSGTGGTNISSTSEPKEK

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

ECM1 extracellular matrix protein 1 [Homo sapiens]

Official Symbol

ECM1

Synonyms

ECM1; extracellular matrix protein 1; secretory component p85;

Gene ID

1893

mRNA Refseq

NM_001202858

Protein Refseq

NP_001189787

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MIM	602201
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UniProt ID	Q16610
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