

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	<p>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. [provided by RefSeq, Feb 2011]</p>
Molecular Mass	85.14 kDa
AA Sequence	<p>MGTTARAALVLTYLAVASAASEGGFTATGQRQLRPEHFQEVGYAAPPSPPLSRSLP MDHPDSSQHGPPEFEGQSQVQPPPSQEATPLQQEKLLPAQLPAEKEVGPPLPQEAV PLQKELPSLQHPNEQKEGMPAPFGDQSHPEPESWNAAQHCQQDRSQGGWGHRL DGFPPGRPSPDNLNQICLPNRQHVVYGPWNLPQSSYSHLTRQGETLNFLEIGYSRC CHCRSHTNRLECAKLVWEEAMSRFCEAEFSVKTRPHWCCTRQGEARFSCFQEEA</p>

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



PQPHYQLRACPSHQPDISSGLELPFPPGVPTLDNIKNICHLRRFRSVPRNLPATDPL
QRELLALIQLEREFQRCCRQGNHTCTWKAWEDTLKDYCDREYAVKTHHHLCCRH
PPSPTRDECFAARRAPYPNYDRDILTIDISRATPNLMGHLCGNQRVLTKHKHIPGLIHN
MTARCCDLPFPEQACCAEEEEKLTFFINDLCGPRRNIWRDPALCCYLSPGDEQVNCFNI
NYLRNVALVSGDTENAKGQGEQGSGTGGTNISSSTSEPKEK

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

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA



MIM	602201
------------	--------

UniProt ID	Q16610
-------------------	--------

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA