Recombinant Human ECM1, GST-tagged

Cat. No. ECM1-12269H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ECM1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-300a.a.
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.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

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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
MIM	602201
UniProt ID	Q16610
Chromosome Location	1q21
Function	enzyme binding; laminin binding; protease binding; protein C-terminus binding; protein binding; signal transducer activity;

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