

Recombinant Human ECM1 Protein, His-tagged

Cat. No. ECM1-1401H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ECM1 Protein (His150-Tyr405) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	His150-Tyr405
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	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 33.6 kDa Accurate Molecular Mass: 34 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	ECM1 extracellular matrix protein 1 [Homo sapiens (human)]
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

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