

Active Recombinant Human ECM1, His-tagged

Cat. No. ECM1-315H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ECM1 (Accession # AAH23505) Ala20-Glu540, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	20-540 a.a.
Predicted N Terminal	Ala20
Form	Lyophilized from a 0.2 µm filtered solution in PBS.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of B16-F1 mouse melanoma cells. When 5 x 10 ⁴ cells/well are added to rhECM-1/His coated plates (10 µg/mL with 100 µL/well), approximately 30 - 65% will adhere after 30 minutes at 37° C. Optimal concentration depends on cell type as well as the application or research objective.
Molecular Mass	Recombinant Human ECM1, His-tagged has a calculated MW of 59.7 kDa. In SDS-PAGE migrates as 77-87 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In

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lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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
MIM	602201
UniProt ID	Q16610
Chromosome Location	1q21

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