# Recombinant Human ECM2 Protein, His-tagged

**Cat. No.** ECM2-12270H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Human ECM2 Protein(350-699 aa), fused with N-terminal His tag, was expressed in E.coli. |
| **Species** | Human |
| **Source** | E.coli |
| **ProteinLength** | 350-699 aa |
| **Form** | The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole. |
| **AASequence** | LTGNSIASIPDEAFNGLPNLERLDLSKNNITSSGIGPKAFKLLKKLMRLNMDGNNLIQI PSQLPSTLEELKVNENNLQAIDEESLSDLNQLVTLELEGNNLSEANVNPLAFKPLKSL AYLRLGKNKFRIIPQGLPGSIEELYLENNQIEEITEICFNHTRKINVIVLRYNKIEENRIAP LAWINQENLESIDLSYNKLYHVPSYLPKSLLHLVLLGNQIERIPGYVFGHMEPGLEYLY LSFNKLADDGMDRVSFYGAYHSLRELFLDHNDLKSIPPGIQEMKALHFLRLNNNKIR NILPEEICNAEEDDDSNLEHLHLENNYIKIREIPSYTFSCIRSYSSIVLKPQNIK |
| **Purity** | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining. |
| **Storage** | Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles. |

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| **Reconstitution** | Reconstitute at 0.25 ḡ/μl in 200 μl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage. |

## GENE INFORMATION

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| **Gene Name** | ECM2 extracellular matrix protein 2, female organ and adipocyte specific [ Homo sapiens ] |
| **Official Symbol** | ECM2 |
| **Gene ID** | 1842 |
| **mRNA Refseq** | NM_001393.3 |
| **Protein Refseq** | NP_001384.1 |
| **MIM** | 603479 |
| **UniProt ID** | O94769 |
| **SDS-PAGE** | |

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