

## Recombinant Human ADM protein, hFc-tagged

**Cat. No.** ADM-7324H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human ADM protein(P35318) (Tyr95-Tyr146) was expressed in HEK293, with the fused Fc region of human IgG1 at the N-terminus.                                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                               |
| <b>ProteinLength</b>    | 95-146 aa                                                                                                                                                                                                                                                                            |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4.                                                                                                                                                                                                                                                |
| <b>Molecular Mass</b>   | The recombinant human ADM/Fc is a disulfide-linked homodimer. The reduced monomer comprises 340 amino acids and has a predicted molecular mass of 38 kDa. The apparent molecular mass of the protein is approximately 39 in SDS-PAGE under reducing conditions due to glycosylation. |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method.                                                                                                                                                                                                                      |
| <b>Purity</b>           | > 93 % as determined by SDS-PAGE                                                                                                                                                                                                                                                     |
| <b>Storage</b>          | Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.                                                                                                 |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of                                                                                                                                                                                             |

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

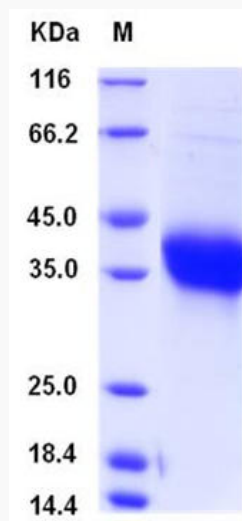
|                 |                                                |
|-----------------|------------------------------------------------|
| Gene Name       | ADM adrenomedullin [ Homo sapiens ]            |
| Official Symbol | ADM                                            |
| Synonyms        | ADM; adrenomedullin; AM; preproadrenomedullin; |
| Gene ID         | 133                                            |
| mRNA Refseq     | NM_001124                                      |
| Protein Refseq  | NP_001115                                      |
| MIM             | 103275                                         |
| UniProt ID      | P35318                                         |

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## SDS-PAGE



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