

## Recombinant Human ADAM15 protein, His-tagged

**Cat. No.** ADAM15-3697H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human ADAM15 protein(362-486 aa), fused to His tag, was expressed in E. coli.                                                                                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 362-486 aa                                                                                                                                                                                                                                                                          |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole. |
| <b>AA Sequence</b>      | GNSCPCPGPAPAKTCIMEASTDFLPGLNFSNCSRRALEKALLDGMGSCLFERLPSL<br>PPMAAFCGNMFVEPGEQCDCGFLDDCVDPCCDSLTCQLRPGAQCASDGPCCQNC<br>QLRPSGWQCRPTRGD                                                                                                                                               |
| <b>Purity</b>           | 90%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                            |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.                                                |
| <b>Reconstitution</b>   | Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.                                                                                                                                                                                                          |

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                           |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | ADAM15 ADAM metallopeptidase domain 15 [ Homo sapiens ]                                                                                                                                                                                                                                                                   |
| <b>Official Symbol</b> | ADAM15                                                                                                                                                                                                                                                                                                                    |
| <b>Synonyms</b>        | ADAM15; ADAM metallopeptidase domain 15; a disintegrin and metalloproteinase domain 15 (metargidin); disintegrin and metalloproteinase domain-containing protein 15; MDC15; metargidin; MDC-15; ADAM 15; metalloprotease RGD disintegrin protein; metalloproteinase-like, disintegrin-like, and cysteine-rich protein 15; |
| <b>Gene ID</b>         | 8751                                                                                                                                                                                                                                                                                                                      |
| <b>mRNA Refseq</b>     | NM_003815                                                                                                                                                                                                                                                                                                                 |
| <b>Protein Refseq</b>  | NP_003806                                                                                                                                                                                                                                                                                                                 |
| <b>MIM</b>             | 605548                                                                                                                                                                                                                                                                                                                    |
| <b>UniProt ID</b>      | Q13444                                                                                                                                                                                                                                                                                                                    |

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