

## Active Recombinant Human ADAM23 Protein, His-tagged

Cat. No. ADAM23-1025H Lot. No. (See product label)

### SPECIFICATION

|                             |   |
|-----------------------------|---|
| <b>Product Overview</b>     | Recombinant Human ADAM23 (Accession # O75077) Ser60-His585, fused with a C-terminal 10-His tag, was produced in Chinese Hamster Ovary cell line, CHO-derived.                                 |
| <b>Species</b>              | Human   |
| <b>Source</b>               | CHO   |
| <b>ProteinLength</b>        | Ser60-His585  |
| <b>Predicted N Terminal</b> | Ser60 (pro) & Ala287 (mature)   |
| <b>Form</b>                 | Lyophilized from a 0.2 µm filtered solution in Tris and NaCl.   |
| <b>Bio-activity</b>         | Measured by the ability of the immobilized protein to support the adhesion of BCE C/D-1b bovine corneal endothelial cells. The ED50 for this effect is typically 1.0-4.0 µg/mL.               |
| <b>Molecular Mass</b>       | Recombinant Human ADAM23, His-tagged has a calculated MW of 60.8 kDa (pro) & 34.9 kDa (mature). In SDS-PAGE migrates as 40-60 kDa, reducing conditions.                                       |
| <b>Purity</b>               | >95%, by SDS-PAGE under reducing conditions and visualized by silver stain.   |
| <b>Storage</b>              | Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C). |

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**Reconstitution** Reconstitute at 100 g/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

## GENE INFORMATION

**Gene Name** [ADAM23 ADAM metallopeptidase domain 23 \[ Homo sapiens \]](#)

**Official Symbol** ADAM23

**Synonyms** ADAM23; ADAM metallopeptidase domain 23; a disintegrin and metalloproteinase domain 23; disintegrin and metalloproteinase domain-containing protein 23; MDC3; MDC-3; metalloproteinase-like, disintegrin-like, and cysteine-rich protein 3;

**Gene ID** [8745](#)

**mRNA Refseq** [NM\\_003812](#)

**Protein Refseq** [NP\\_003803](#)

**MIM** [603710](#)

**UniProt ID** [O75077](#)

**Chromosome Location** 2q33

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