

Active Recombinant Human ADAM23 Protein, His-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	CHO
ProteinLength	Ser60-His585
Predicted N Terminal	Ser60 (pro) & Ala287 (mature)
Form	Lyophilized from a 0.2 µ filtered solution in Tris and NaCl.
Bio-activity	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.
Molecular Mass	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.
Purity	>95%, 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 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 µg/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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