

Active Recombinant Human ADAM10 Protein, His-tagged

Cat. No. ADAM10-924H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADAM10 (Accession # O14672) Thr214-Glu672, fused with a C-terminal 10-His tag, was produced in Spodoptera frugiperda, Sf 21 (baculovirus)-derived.
Species	Human
Source	Sf21 Cells
ProteinLength	Thr214-Glu672
Predicted N Terminal	Thr214
Form	Supplied as a 0.2 µ filtered solution in MES, NaCl, ZnCl ₂ , Glycerol and Brij-35.
Bio-activity	Measured by its ability to cleave a fluorogenic peptide substrate Mca-KPLGL-Dpa-AR-NH ₂ . The specific activity is >20 pmol/min/g, as measured under the described conditions.
Molecular Mass	Recombinant Human ADAM10, His-tagged has a calculated MW of 52 kDa. In SDS-PAGE migrates as 60 kDa, reducing conditions.
Purity	>90%, 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

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months (-70°C).

GENE INFORMATION

Gene Name [ADAM10 ADAM metallopeptidase domain 10 \[Homo sapiens \]](#)

Official Symbol ADAM10

Synonyms ADAM10; ADAM metallopeptidase domain 10; a disintegrin and metalloproteinase domain 10; disintegrin and metalloproteinase domain-containing protein 10; CD156c; HsT18717; kuz; MADM; CDw156; ADAM 10; kuzbanian protein homolog; mammalian disintegrin-metalloprotease; a disintegrin and metalloprotease domain 10; AD10;

Gene ID [102](#)

mRNA Refseq [NM_001110](#)

Protein Refseq [NP_001101](#)

MIM [602192](#)

UniProt ID O14672

Chromosome Location 15q2

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