

Recombinant Human ADAM10 Protein, His-tagged

Cat. No. ADAM10-73H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADAM10 Protein (Thr214-Glu672) with N-His tag was expressed in CHO.
Species	Human
Source	CHO
ProteinLength	Thr214-Glu672
Description	Members of the ADAM family are cell surface proteins with a unique structure possessing both potential adhesion and protease domains. This gene encodes and ADAM family member that cleaves many proteins including TNF-alpha and E-cadherin. Alternate splicing results in multiple transcript variants encoding different proteins that may undergo similar processing.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 52.2 kDa Accurate Molecular Mass: 52 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

ADAM10 ADAM metallopeptidase domain 10 [Homo sapiens (human)]

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

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