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

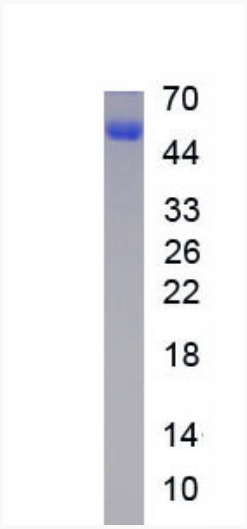
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	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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