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 μm filtered solution in MES, NaCl, ZnCl2,Glycerol and Brij-35.
Bio-activity	Measured by its ability to cleave a fluorogenic peptide substrate Mca-KPLGL-Dpa-AR-NH2.The specific activity is >20 pmol/min/μg, 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 (4ºC); After reconstitution under sterile conditions for 3

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

	months (-70ºC).

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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