

Active Recombinant Human ADAM12, His-tagged

Cat. No. ADAM12-233H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADAM12 (Accession # AAC08702) Arg29-Ser513, fused with an N-terminal signal peptide and a C-terminal 6-His tag, was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Human
Source	CHO
ProteinLength	29-513 a.a.
Predicted N Terminal	Arg29
Form	Supplied as a 0.2 µ filtered solution in HEPES, NaCl and CaCl ₂ .
Bio-activity	Measured by its ability to cleave IGFBP-3.
Molecular Mass	Recombinant Human ADAM12, His-tagged has a calculated MW of 55 kDa (Pro) & 34 kDa (Mature). In SDS-PAGE migrates as 28 kDa, 44 kDa & 68 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 months (-70°C).

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GENE INFORMATION

Gene Name	ADAM12 ADAM metallopeptidase domain 12 [Homo sapiens]
Official Symbol	ADAM12
Synonyms	ADAM12; ADAM metallopeptidase domain 12; a disintegrin and metalloproteinase domain 12 (meltrin alpha); disintegrin and metalloproteinase domain-containing protein 12; MCMPMItna; meltrin alpha; MLTN; meltrin-alpha; MCMP; MLTNA;
Gene ID	8038
mRNA Refseq	NM_003474
Protein Refseq	NP_003465
MIM	602714
UniProt ID	O43184
Chromosome Location	10q26

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