

Recombinant Human ADAMTS3 Protein, Myc/DDK-tagged

Cat. No. ADAMTS3-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human ADAM metalloproteinase with thrombospondin type 1 motif, 3 (ADAMTS3) with a C-Myc/DDK tag was expressed in HEK293T.
Species	Human
Source	HEK293
Description	This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) protein family. Members of the family share several distinct protein modules, including a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) motif. Individual members of this family differ in the number of C-terminal TS motifs, and some have unique C-terminal domains. The encoded preproprotein is proteolytically processed to generate the mature protease. This protease, a member of the procollagen aminopropeptidase subfamily of proteins, may play a role in the processing of type II fibrillar collagen in articular cartilage.
Molecular Mass	135.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.

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Concentration >50 µg/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

GENE INFORMATION

Gene Name ADAMTS3 ADAM metalloproteinase with thrombospondin type 1 motif 3 [Homo sapiens (human)]

Official Symbol ADAMTS3

Synonyms ADAMTS3; ADAM metalloproteinase with thrombospondin type 1 motif 3; HKLLS3; ADAMTS-4; A disintegrin and metalloproteinase with thrombospondin motifs 3; ADAM-TS 3; ADAM-TS3; ADAMTS-3; PC II-NP; a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 3; procollagen II N-proteinase; procollagen II amino propeptide-processing enzyme; zinc metalloendopeptidase; EC 3.4.24.-

Gene ID 9508

mRNA Refseq NM_014243

Protein Refseq NP_055058

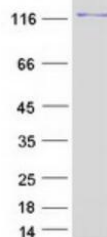
MIM 605011

UniProt ID O15072

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SDS-PAGE

Coomassie blue staining of purified ADAMTS3 protein. The protein was produced from HEK293T cells transfected with ADAMTS3 cDNA clone using MegaTran 2.0.

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