

## Recombinant Human ADAMTS3 Protein, Myc/DDK-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant protein of human ADAM metalloproteinase with thrombospondin type 1 motif, 3 (ADAMTS3) with a C-Myc/DDK tag was expressed in HEK293T.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	<p>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 aminoproteinase subfamily of proteins, may play a role in the processing of type II fibrillar collagen in articular cartilage.</p>
<b>Molecular Mass</b>	135.4 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	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

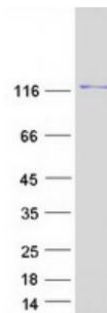
**MIM** 605011

**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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