

Recombinant Human ADAMTS3 Protein, Flag-tagged

Cat. No. ADAMTS3-02H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein from the full-length sequence of Homo sapiens ADAM metalloproteinase with thrombospondin type 1 motif 3 (ADAMTS3) (NM_014243), with a DYKDDDDK tag was expressed in human cells.
Species	Human
Source	Human Cells
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
Endotoxin	< 0.1 ng/μg of protein (<1 EU/μg)
Purity	> 90% by SDS-PAGE gel and Coomassie Blue staining
Applications	Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and

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protein-protein interaction studies; For research & development use only!

Storage Buffer

Purified protein formulated in a sterile solution of TBS buffer, pH 7.4, without any preservatives

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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