

Recombinant Human ADAMTS3, His-tagged

Cat. No. ADAMTS3-3015H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A disintegrin and metalloproteinase with thrombospondin motifs 3 (ADAMTS3)
Species	Human
Source	E.Coli/Yeast
ProteinLength	1205
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 protein encoded by this gene is the major procollagen II N-propeptidase. A deficiency of this protein may be responsible for dermatosparaxis, a genetic defect of connective tissues. [provided by RefSeq, Jul 2008]
Form	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
Purity	>90%
Notes	Small volumes of ADAMTS3 recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the

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container's cap. Certain products may require to ship with dry ice.

Storage Store at -20 degree C. For extended storage, store at -20 or -80 degree C.

Storage Buffer PBS pH 7.4, 50% glycerol

Warning This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GENE INFORMATION

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

Official Symbol ADAMTS3

Synonyms ADAMTS3; ADAM metalloproteinase with thrombospondin type 1 motif, 3; a disintegrin like and metalloproteinase (reprolysin type) with thrombospondin type 1 motif, 3; A disintegrin and metalloproteinase with thrombospondin motifs 3; ADAMTS 4; KIAA0366; ADAM-TS3; ADAMTS-3; PC II-NP; ADAM-TS 3; zinc metalloendopeptidase; procollagen II N-proteinase; procollagen II amino propeptide-processing enzyme; a disintegrin-like and metalloproteinase (reprolysin type) with thrombospondin type 1 motif, 3; ADAMTS-4;

Gene ID [9508](#)

mRNA Refseq [NM_014243](#)

Protein Refseq [NP_055058](#)

MIM [605011](#)

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UniProt ID	O15072
Chromosome Location	4q21
Function	heparin binding; metal ion binding; metalloendopeptidase activity; peptidase activity; zinc ion binding;

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