

Recombinant Human ADAMTS3 Protein, GST-tagged

Cat. No. ADAMTS3-305H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ADAMTS3 partial ORF (NP_055058.1, 1048 a.a. - 1128 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Feb 2016]
Molecular Mass	34.65 kDa
AA Sequence	ESCKRSSTLPPPYLLEAAETHDDVISNPSDLPRSLVMPTSLVPYHSETPAKKMSLS SISSVGGPNAYAAFRPNKPDGAN
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Protein Array

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

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