

Recombinant Rat Adamts7 protein, His-tagged

Cat. No. Adamts7-509R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Adamts7(aa 444-575) fused with His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	444-575 a.a.
Description	ADAMTS7 is a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) family. Members of this 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 contains two C-terminal TS motifs.
Form	Lyophilized from PBS, pH 7.4, 5% trehalose, 0.01% sarcosyl
Molecular Mass	16.0 kDa
Purity	Greater than 95%
Storage	Store at +4 centigrade for up to 1 month, or aliquot and store at -80 centigrade for up to 12 months. Avoid repeat freeze-thaw cycles.

GENE INFORMATION

 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

Gene Name	Adamts7 ADAM metallopeptidase with thrombospondin type 1 motif, 7 [Rattus norvegicus]
Official Symbol	Adamts7
Synonyms	ADAMTS7; ADAM metallopeptidase with thrombospondin type 1 motif, 7; A disintegrin and metalloproteinase with thrombospondin motifs 7; ADAM-TS7; ADAMTS-7; ADAM-TS 7; a disintegrin-like and metallopeptidase (reprolysin type) with thrombospondin type 1 motif, 7; COMPase; ADAMTS7B;
Gene ID	315879
mRNA Refseq	NM_001047101
Protein Refseq	NP_001040566
MIM	
UniProt ID	Q1EHB3
Chromosome Location	8q31
Function	metal ion binding; metalloendopeptidase activity; metallopeptidase activity; peptidase activity; zinc ion binding;

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