Recombinant Mouse Adamts4 Protein, Myc/DDK-tagged

Cat. No. Adamts4-1530M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length a disintegrin-like and metallopeptidase (reprolysin type) with thrombospondin type 1 motif, 4 (Adamts4), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a member of "a disintegrin and metalloproteinase with thrombospondin motifs" (ADAMTS) family of multi-domain matrix-associated metalloendopeptidases that have diverse roles in tissue morphogenesis and pathophysiological remodeling, in inflammation and in vascular biology. The encoded preproprotein undergoes proteolytic processing to generate an active zinc-dependent aggrecanase enzyme that degrades cartilage.
Molecular Mass	91.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method

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Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Adamts4 a disintegrin-like and metallopeptidase (reprolysin type) with thrombospondin type 1 motif, 4 [Mus musculus (house mouse)]
Official Symbol	Adamts4
Synonyms	ADAMTS4; a disintegrin-like and metallopeptidase (reprolysin type) with thrombospondin type 1 motif, 4; A disintegrin and metalloproteinase with thrombospondin motifs 4; ADAMTS-4; ADAM-TS 4; aggrecanase-1; a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 4; ADMP-1; ADAM-TS4; ADAMTS-2; mKIAA0688; 3830423K05
Gene ID	240913
mRNA Refseq	NM_172845
Protein Refseq	NP_766433
UniProt ID	Q8BNJ2

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