

Recombinant Mouse Adamts8 Protein, Myc/DDK-tagged

Cat. No. Adamts8-1531M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length a disintegrin-like and metalloproteinase (reprolysin type) with thrombospondin type 1 motif, 8 (Adamts8), 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. This gene is expressed in mouse lung, heart and macrophage-rich areas of atherosclerotic plaques. The encoded preproprotein undergoes proteolytic processing to generate an active, zinc-dependent aggrecanase enzyme. This gene is located adjacent to a related ADAMTS gene on chromosome 9.
Molecular Mass	99.4 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.

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Concentration >50 µg/mL as determined by microplate BCA method

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

GENE INFORMATION

Gene Name *Adamts8* a disintegrin-like and metallopeptidase (reprolysin type) with thrombospondin type 1 motif, 8 [*Mus musculus* (house mouse)]

Official Symbol *Adamts8*

Synonyms ADAMTS8; a disintegrin-like and metallopeptidase (reprolysin type) with thrombospondin type 1 motif, 8; A disintegrin and metalloproteinase with thrombospondin motifs 8; ADAM-TS8; ADAM-TS 8; a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 8; ADAMTS-8 precursor (A disintegrin and metalloproteinase with thrombospondin motifs 8) (ADAM-TS 8) (ADAM-TS8) (METH-2); METH2; METH-2

Gene ID 30806

mRNA Refseq [NM_013906](#)

Protein Refseq [NP_038934](#)

UniProt ID [F8VQ15](#)

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