

Recombinant Mouse Adam11 Protein, MYC/DDK-tagged

Cat. No. Adam11-534M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse a disintegrin and metallopeptidase domain 11 (Adam11), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a member of a disintegrin and metalloprotease (ADAM) family of endoproteases that play important roles in various biological processes including cell signaling, adhesion and migration. The encoded preproprotein undergoes proteolytic processing to generate a mature, functional protein. The protein encoded by this gene is believed to lack metalloproteinase activity due to the lack of a critical catalytic motif. Mice lacking the encoded protein exhibit defects in spatial learning, motor coordination and altered perception of pain. Alternative splicing results in multiple transcript variants encoding different isoforms that may undergo similar processing.
Molecular Mass	84.6 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 Adam11 a disintegrin and metallopeptidase domain 11 [Mus musculus (house mouse)]

Official Symbol Adam11

Synonyms Adam11; a disintegrin and metallopeptidase domain 11; Mdc; AW060611; disintegrin and metalloproteinase domain-containing protein 11; a disintegrin and metalloprotease domain (ADAM) 11; metalloproteinase-like, disintegrin-like, and cysteine-rich protein

Gene ID 11488

mRNA Refseq NM_009613

Protein Refseq NP_033743

UniProt ID Q9R1V4

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