

Product datasheet for TP526712

Mmp9 (NM_013599) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Purified recombinant protein of Mouse matrix metalloproteinase 9 (Mmp9), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species: Mouse
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >MR226712 representing NM_013599
Red=Cloning site **Green**=Tags(s)

MSPWQPLLLALLAFGCSSAAPYQRQPTFWFPKDLKTSNLTDQLAEAYLYRYGYTRAAQMMGEKQSLRP
ALLMLQKQLSLPQTGELDSQTLKAIRTPRCGVPDVGRFQTFKGLKWDHHNITYWIQNYSEDLPRDMIDDA
FARAFVWGEVAPLTFTRVYGPEADIVIQFGVAEHGDGYFPDGDGLLAHAFPPGAGVQGDAHFDDELW
SLGKGVVIPTYYGNSNGAPCHFPFTFEGRSYSACTTDGRNDGTPWCSTTADYDKDGKFGFCPSERLYTEH
GNGEGKPCVFPFIFEGRSYSACTTKGRSDGYRWCATTANYDQDKLYGFCPTRVDATVGGNSAGELCVFP
FVFLGKQYSSCTSDGRRDGRLWCATTSNFDTDKKGWGFCDQGYSLFLVAAHEFGHALGLDHSVPEALMY
PLYSYLEGFPLNKDDIDGIQYLYGRGSKPDRPPATTTTEPQPTAPPTMCPTIPTAYPTVGPVGPVGTGA
PSPGPTSSPSPGPTGAPSPGPTAPPTAGSSEASTESLSPADNPCNVDVDAIAEIQGALHFFKDGWYWKF
LNHRGSPLOQPFLTARTWPALPATLDSAFEDPQTKRVFFSGRQMWWYTGKTVLGPRLDKLGLGPVETH
VSGLLPRRLGKALLFSKGRVWRFDLKSQKVDPPQSVIRVDKEFSGVPWNVSHDIFQYQDKAYFCHGKFFWRV
SFQNEVNKVDHEVNQVDDVGYVTDLLQCP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK
Predicted MW: 81 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage: Store at -80°C after receiving vials.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_038627
Locus ID:	17395
UniProt ID:	P41245
RefSeq Size:	3185
Cytogenetics:	2 85.27 cM
RefSeq ORF:	2190
Synonyms:	AW743869; B/MMP; B/MMP9; Clg4; Clg4b; Gel B; MMP-; MMP-9; pro-MMP-9
Summary:	This gene encodes a member of the matrix metalloproteinase family of extracellular matrix-degrading enzymes that are involved in tissue remodeling, wound repair, progression of atherosclerosis and tumor invasion. The encoded preproprotein undergoes proteolytic processing to generate a mature, zinc-dependent endopeptidase enzyme that degrades collagens of type IV, V and XI, and elastin. Mice lacking the encoded protein exhibit an abnormal pattern of skeletal growth plate vascularization and ossification, reduced keratinocyte hyperproliferation at all neoplastic stages, a decreased incidence of invasive tumors, and resistance to experimental autoimmune encephalomyelitis. [provided by RefSeq, Feb 2016]