

Product datasheet for **TP527673**

Mmp19 (NM_021412) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse matrix metalloproteinase 19 (Mmp19), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR227673 representing NM_021412 Red =Cloning site Green =Tags(s)
	<p>MDWQQLWLAFLLPMTVSGRALGPTEKEAVLDYLLQYGYLQKPLEGADDFRLEDITEALRTFQEASGLPIS GQMDDATRARMKQPRCGLEDPFNQKSLKYLGLLGHWRKKNLTFRIFNVPSTLSLPRVRAALHQAFKYWSSV APLTFREVKAGWADIRLSFHGRQSLYCSNTFDGPGKVLAHADIPELGSIHFDKDELWTEGTYYQGVNLRRII AAHEVGHALGLGHSRYTQALMAPVYAGYQPFKFLHPDDVAGIQALYGKRSPETRDEEEETEMLTVSPVTA KPGMPNPNCSGEVDAMVLGPRGKTYAFKGDYVWTVTDSGPGPLFQISALWEGLPGNLDAAVYSPRTRRTH FFKGNKVWRYVDFKMSPGFPMKFNVEPNLDAALYWPVNQKVFLLFKGSGYWQWDELARTDLSRYPKPIKE LFTGVPDRPSAAMSWQDGQVYFFKGEYWRNLNQLRVAKGYPRNTTHWMHCGSQTPDNTSSTGDVTPSTT DTVLTGTPSTMGSTLDIPSATDSASLSFSANVTLLGA</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	59.6 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.
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_067387



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Locus ID: 58223

UniProt ID: [Q9JHI0](#), [Q2KHP2](#)

RefSeq Size: 3410

Cytogenetics: 10 77.16 cM

RefSeq ORF: 1581

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. Mice lacking the encoded protein develop a diet-induced obesity due to adipocyte hypertrophy, exhibit decreased susceptibility to chemical carcinogen-induced skin tumors and early onset of tumoral angiogenesis. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Feb 2016]