

## Product datasheet for **TP509110**

### Mmp14 (NM\_008608) Mouse Recombinant Protein

#### Product data:

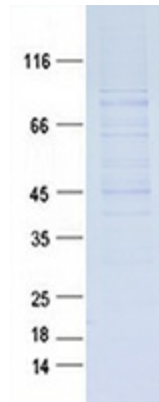
Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse matrix metalloproteinase 14 (membrane-inserted) (Mmp14), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209110 representing NM_008608 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MSPAPRPSRLLLLPLLTGALASLGWAQGSNFSPEAWLQQYGYLPPGDLRTHQTQRSPQSLSAIIAAMQK FYGLQVTGKADLATMMAMRRPRCGVPDKFGTEIKANVRRKRYAIQGLKWQHNEITFCIQNYTPKVGAYAT FEAIRKAFRWESATPLRFREVPYAYIREGHEKQADIMILFAEGFHGDSTPFDGEGGFLAHAYFPGPNIG GDTHFDSVEPWTVQNEIDLNGNDIFLVAVHELGHALGLEHSNDPSAIMAPFYQWMDTENFVLPDDDRRGIQ QLYGSKSGSPTKMPPQPRTTSRPSVPDKPKNPAYGPNICDGNFDTVAMLRGEMFVFKERWFWRVRNNQVM DGFPMPIGQFWRGLPASINTAYERKDGKVFVFKGDKHWVFDEASLEPGYPKHIKELGRGLPTDKIDAALF WMPNGKTYFFRGNKYRFNEEFRAVDSEYPKNIKVWEGIPESPRGSFMGSDEVFTYFYKGNKYWKFNQK LKVEPGYPKSALRDWMGCPSGGRPDEGTEETEVIIEVDEEGSGAVSAAAVLPLVLLLLLVLAVGLAVF FFRRHGTPKRLLYCQRSLLDKV</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-MYC/DDK
Predicted MW:	66.4 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.



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RefSeq:	<a href="#">NP_032634</a>
Locus ID:	17387
UniProt ID:	<a href="#">P53690</a>
RefSeq Size:	2597
Cytogenetics:	14 27.79 cM
RefSeq ORF:	1746
Synonyms:	AI325305; MMP-X1; MT-MMP-1; MT1-MM; MT1-MMP; sa; sabe
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 exhibit craniofacial dysmorphism, arthritis, osteopenia, dwarfism, and fibrosis of soft tissues. [provided by RefSeq, Feb 2016]

### Product images:



Purified recombinant protein Mmp14 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.