

Recombinant Mouse Mmp14 Protein, His-tagged

Cat. No. Mmp14-9911M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Mmp14 Protein(P53690)(112-582 aa), fused with C-terminal His Tag, was expressed in E.coli.
Species	Mouse
Source	E.coli
ProteinLength	112-582 aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.
Molecular Mass	60.6 kDa
AASequence	YAIQGLKWQHNEITFCIQNYTPKVG EYATFEAIRKA FRVWESATPLRFREVPYAYIRE GHEKQADIMILFAEGFHGDSTPFDGEGGFLAHAYFPGPNIGGDTHFDSEAEPWTVQN EDLNGNDIFLVAVHELGHALGLEHSNDPSAIMAPFYQWMDTENFVLPDDDRRGIIQQ LYGSKSGSPTKMPPQPRRTSRPSVPDKPKNPAYGPNICDGNFDTVAMLRGEMFVF KERWFWRVRNQNQVMDGYPMPIGQFWRGLPASINTAYERKDGKFVFFKGDKHWF DEASLEPGYPKHIKELGRGLPTDKIDAALFWMPNGKTYFFRGNKYYRFNEEFRAVD SEYPKNIKVWEGIPESPRGSFMGSDEVFTYFYKGNKYWKFNQKLKVEPGYPKSAL RDWMGCPSGGRPDEGTEETEVIIEVDEEGSGAVSAAAVVLPVLLLLLVAVGLAVF FFRRHGTPKRLLYCQRSLLDKV

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Purity	Greater than 95% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.
GENE INFORMATION	
Gene Name	Mmp14 matrix metallopeptidase 14 (membrane-inserted) [Mus musculus]
Official Symbol	Mmp14
Synonyms	MMP14; matrix metallopeptidase 14 (membrane-inserted); matrix metalloproteinase-14; MMP-14; MMP-X1; MT1MMP; MTMMP1; MT-MMP 1; Membrane type 1-MMP; type 1 matrix metalloprotease 14; membrane-type matrix metalloproteinase 1; membrane-type-1 matrix metalloproteinase; matrix metalloproteinase 14 (membrane-inserted); MT1-MMP; AI325305; MT-MMP-1;
Gene ID	17387
mRNA Refseq	NM_008608
Protein Refseq	NP_032634
SDS-PAGE	