

## Product datasheet for **TP726853**

### Mmp12 Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse Macrophage Metalloelastase/MMP12 (C-6His)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Ala29-Cys473
Tag:	C-His
Buffer:	Supplied as a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Recombinant Mouse Matrix Metalloproteinase 12 is produced by our Mammalian expression system and the target gene encoding Ala29-Cys473 is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	17381
UniProt ID:	<a href="#">P34960</a>
Summary:	Matrix metalloproteinase-12 is a secreted protein. It contains 4 hemopexin repeats and belongs to the peptidase M10A family. MMP12 may be involved in tissue injury and remodeling and have significant elastolytic activity. It can accept large and small amino acids at the P1' site, but has a preference for leucine. Aromatic or hydrophobic residues are preferred at the P1 site, with small hydrophobic residues (preferably alanine) occupying P3.



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