

Product datasheet for **TP726853**

Mmp12 Mouse Recombinant Protein

Product data:

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| 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. |
| Storage: | Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles. |
| Stability: | 12 months from date of despatch |
| Locus ID: | 17381 |
| UniProt ID: | P34960 |
| 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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