

Active Recombinant Mouse Timp2

Cat. No. Timp2-660M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Timp2 (Accession # NP_035724) Met1-Pro220, fused with , was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Met1-Pro220
Predicted N Terminal	Cys27
Form	Supplied as a 0.2 µ filtered solution in Tris and NaCl.
Bio-activity	Measured by its ability to inhibit human MMP-2 cleavage of a fluorogenic peptide substrate Mca-PLGL-Dpa-AR-NH ₂ .The IC ₅₀ value is <2 nM, as measured under the described conditions.
Molecular Mass	Recombinant Mouse Timp2 has a calculated MW of 22 kDa. In SDS-PAGE migrates as 22 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain at 5 µg per lane.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

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months (-70°C).

GENE INFORMATION

Gene Name	Timp2 tissue inhibitor of metalloproteinase 2 [Mus musculus]
Official Symbol	Timp2
Synonyms	TIMP2; tissue inhibitor of metalloproteinase 2; metalloproteinase inhibitor 2; tissue inhibitor of metalloproteinases 2; Timp-2; D11Bwg1104e;
Gene ID	21858
mRNA Refseq	NM_011594
Protein Refseq	NP_035724
MIM	

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