

Recombinant Mouse MMP-2/TIMP-2 Complex

Cat. No. Mmp2-44M Lot. No. (See product label)

SPECIFICATION

Product Overview	Matrix Metalloproteinase 2 - TIMP-2 Complex (MMP-2, Gelatinase A, 72 kDa Type IV Collagenase, EC 3.4.24.24) from mouse fibroblasts.
Species	Mouse
Source	Mouse Fibroblast
Form	Liquid, in 50 mM Tris/HCl, pH 7.0, 200 mM NaCl, 5 mM CaCl ₂ , 1 μM ZnCl ₂ , 0.05% NaN ₃ , 0.05% Brij 35
Purity	>95%, homogenous by electrophoresis and Western Blotting analysis
Storage	if stored at -70°C. The enzyme can be kept at -20°C for several weeks without significant loss of activity. Repeated freezing and thawing must be avoided. Do always keep the enzyme on ice. If kept at room temperature for hours without substrate the enzyme loses significant activity!

GENE INFORMATION

Gene Name	Mmp2 matrix metalloproteinase 2 [Mus musculus]
Official Symbol	Mmp2
Synonyms	MMP2; matrix metalloproteinase 2; 72 kDa type IV collagenase; gelatinase A; 72kD gelatinase; 72kDa gelatinase; 72 kDa gelatinase; 72kD type IV collagenase; 72kDa

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	type IV collagenase; matrix metalloproteinase 2; matrix metalloproteinase-2; GelA; Clg4a; MMP-2;
Gene ID	17390
mRNA Refseq	NM_008610
Protein Refseq	NP_032636
Pathway	Bladder cancer, organism-specific biosystem; Bladder cancer, conserved biosystem; Diabetes pathways, organism-specific biosystem; Disease, organism-specific biosystem; GnRH signaling pathway, organism-specific biosystem; GnRH signaling pathway, conserved biosystem; IL-3 Signaling Pathway, organism-specific biosystem;
Function	fibronectin binding; hydrolase activity; metal ion binding; metalloendopeptidase activity; metallopeptidase activity; peptidase activity; zinc ion binding;

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