

MMP2 protein(Rat)

Cat. No. MMP2-28059TR **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MMP2 protein, purified from rat lung epithelial cell culture media, is supplied as a mixture of the zymogen and processed enzyme.
Species	Rat
Description	plays important roles in wound healing, angiogenesis, platelet aggregation, and tumor metastasis; mediates the response of the intrinsic glomerular mesangial cell to inflammatory stimuli
Purity	This protein was purified from rat lung epithelial cells, and is free of its endogenous inhibitor, TIMP2, and other matrix metalloproteinases.
Formulation	Liquid
Applications	WB; SDS-PAGE
Storage buffer	Preservative: None Constituents: 50% Glycerol, PBS, 75mM Sodium chloride, pH 7.4

GENE INFORMATION

Gene Name	Mmp2 matrix metalloproteinase 2 [Rattus norvegicus]
Synonyms	Mmp2; matrix metalloproteinase 2; 72 kDa type IV collagenase; MMP-2; gelatinase A; 72 kDa gelatinase; matrix metalloproteinase 2; matrix metalloproteinase-2

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Gene ID	81686
mRNA Refseq	NM_031054
Protein Refseq	NP_112316
UniProt ID	P33434
Chromosome Location	19p11
Pathway	Bladder cancer; GnRH signaling pathway; IL-3 Signaling Pathway
Function	fibronectin binding; metal ionbinding; metalloendopeptidase activity

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