

Recombinant Human MMP-9 Catalytic Domain

CATALOG NO:	7789-10	10 µg
	7789-50	50 µg
	7789-1000	1 mg
SYNONYMS:	Matrix Metalloproteinase-9, Gelatinase B, 92 kDa Type IV Collagenase	
SOURCE:	<i>E. coli</i>	
MOL. WT.:	39 kDa and fused with 6x HIS tag at N-terminus.	
PURITY:	>95% by SDS-PAGE and HPLC	
ENDOTOXIN LEVEL:	Endotoxin level is <0.1 ng per µg of MMP-9.	
FORM:	Lyophilized powder	
RECONSTITUTION:	Centrifuge the vial prior to opening. Reconstitute in sterile PBS to a concentration of 0.1-1.0 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use.	
STORAGE CONDITIONS:	The lyophilized protein is best-stored desiccated below 0°C. Reconstituted MMP-9 should be stored in working aliquots at -20°C. For long-term storage, it is recommended to add carrier protein (0.1% HAS or BSA).	
DESCRIPTION:	MMP-9 catalytic domain from human cDNA, expressed in <i>E.coli</i> containing 351 amino acids fragment (107-467) corresponding to the catalytic domain of the protein and purified using proprietary technologies. The MMP-9 is useful as a standard in Western blot, etc.	
BIOLOGICAL ACTIVITY:	Biological activity of the protein has not been determined.	

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