

Recombinant Human MMP-1 Catalytic Domain

CATALOG #:	7781-10	10 µg
	7781-50	50 µg
	7781-1000	1 mg
LOT #:	_____	
SYNONYMS:	Matrix Metalloproteinase-1, Interstitial Collagenase, Fibroblast Collagenase	
SOURCE:	<i>E. coli</i>	
MOL. WT.:	19.9 kDa	
PURITY:	>95% by SDS-PAGE and HPLC Endotoxin level is <0.1 ng per µg of MMP-1.	
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 MMP1 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:	Active MMP-1 catalytic domain from human cDNA, expressed in <i>E.coli</i> and purified using proprietary technologies. The active MMP-1 protein is very useful in studying enzyme kinetics, cleave target substrates, and screen for inhibitors, etc.	
BIOLOGICAL ACTIVITY:	The protein is biologically active as determined by MMP-1 activity assay.	

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