

Matrix Metalloproteinase-9 Human Recombinant

Item Number	rAP-1311
Synonyms	Matrix metalloproteinase-9, MMP-9, 92 kDa type IV collagenase, 92 kDa gelatinase, Gelatinase B, GELB, MMP9, CLG4B.
Description	MMP-9 Human Recombinant produced in E.Coli is single, a non-glycosylated, Polypeptide chain containing 338 amino acids fragment (113-450) corresponding to the catalytic domain of the protein, having a total molecular mass of 42.03kDa and fused with a 4.5kDa amino-terminal hexahistidine tag. The MMP-9 is
Uniprot Accession Number	P14780
Amino Acid Sequence	4.5kDa His Tag- DLKWHHHNITYWIQNYSEDLPRVIDDAFARAFALWSAVTPLTFTRVYSRDADI- VIQFGVAEHGDGYPFDGKDGLLAHAFPPGPGIQGDAHFDDELWSLGKGVVVPTRFGNADGAACHFPFIF EGRSYSACTTDGRSDGLPWCSTTANYDTDDRFGFCPSERLYTRDGNADGKPCQFPFIFQGQSYSACTTD GRSDGYRWCATTANYDRDKLFGFCPTRADSTVMGGNSAGELCVFPFTFLGKEYSTCTSEGRGDGRLWC ATTSNFDSDKKWGFCDQGYSLFLVAAHEFGHALGLDHSSVPEALMYPMYRFTEGPPLHKDDVNGIRHLY GP.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.
Formulation and Purity	MMP-9 protein is supplied in 20mM Tris-HCl pH 8.0 and 50% glycerol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**