

Matrix Metalloproteinase-9 Rabbit Recombinant

Item Number	rAP-1305
Synonyms	Matrix metalloproteinase-9, MMP-9, 92 kDa type IV collagenase, 92 kDa gelatinase, Gelatinase B, GELB, MMP9, CLG4B.
Description	MMP-9 Rabbit Recombinant is a full length secreted protein (688 amino acids - a.a. 20-707). The MMP-9 is expressed in insect cells and fused to a 30 aa C-terminal Myc-His tag, having a total MW of 79.94kDa. Purified MMP9 protein appears at 95kDa on SDS-PAGE gel due to protein modification.
Uniprot Accession Number	P41246
Amino Acid Sequence	APRRRQPTLVVFPGELRTRLTDRQLAEEYLFRYGYTRVASMHGDSQSLRL- PLLLLQKHLSPETGELDNATLEAMRAPRCGVPDVGKFQTFEGDLKWHHHNITYWIQNYSEDLPDVIDDA FARAFALWSA/TPLTFTRVYSRDADIVIQFGVAEHGDGYPFDGKDGLLAHAFPPGPGIQGDAHFDDEELWS LGKGVVVPTYFGNADGAPCHFPTFEGRSYTACTTDGRSDGMAWCSTTADYDTRRFGFCPSERLYTQD GNADGKPCEFPFIFQGRYSACTTDGRSDGHRWCATTASYDKDKLYGFCPTRADSTVVGGNSAGELCVF PFVFLGKEYSSCTSEGRRDGRLWCATTSNFDSDDKKGWGFCDKGYSLFLVAAHEFGHALGLDHSSVPERL MYPMYRYLEGSPLEHDDVRGIQHLYGPNPNPQPPATTTPEPQPTAPPTACPTWPATVRPSEHPTTSPTGA PSAGPTGPPTASPSAAPTASLDPAEDVCNVNVFDAIAEIGNKLHVFKDGRYWRFSEGSGRRPQGPFLIADT
Source	Baculovirus system, insect cells.
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. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The MMP-9 solution (0.3mg/ml) contains 50mM Tris, 150mM NaCl, 10% Glycerol, pH 7.5. Greater than 85.0% 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**