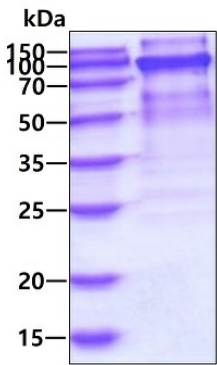


Bioactive

Mmp9 (Mouse) Recombinant Protein

Catalog # P7914 Size 50 ug

Applications



SDS-PAGE analysis of Mmp9 (Mouse) Recombinant Protein.

Specification

Product Description	Mouse Mmp9 (P41245, 20 a.a. - 730 a.a.) partial recombinant protein with His tag expressed in HE K293 cells.
Sequence	APYQRQPTFVVFPKDLKTSNLDTQLAEAYLYRYGYTRAAQMMGEKQSLRPALLMLQKQLSLPQT GELDSQTLKAIRTPRCGVPDVGRFQTFKGLKWDHHNITYWIQNYSEDLPRDMIDDAFARAFVWG EVAPLTFTRVYGPEADMIQFGVAEHGDGYFPD GKDGLLAHAFPPGAGVQGDAHFDDELWSLG KGVVIPTYYGNSNGAPCHFPFTFEGRSYSACTTDGRNDGTPWCSTTADYDKDGKFGFCPSERLY TEHGNGEGKPCVFPPFIFEGRSYSACTTKGRSDGYRWCATTANYDQDKLYGFCPTRVDATVVGGN SAGELCVFPFVFLGKQYSSCTSDGRRDGRLWCATTSNFDTDKKWGFCPDQGYSLFLVAAHEFG HALGLDHSSVPEALMYPLYSYLEGFPLNKDDIDGIQLYYGRGSKPDPRPPATTTTEPQPTAPPTMC PTIPPTAYPTVGPTVGPTGAPSPGPTSSPSPGPTGAPSPGPTAPPTAGSSEASTESLSPADNPC NVDVFDAAIEIQGALHFFKDGWYWKFLNHRGSPLQGPFLTARTWPALPATLDSAFEDPQTKRVF FFSGRQMWVYTGKTVLGPRSLDKLGLGPEVTHVSGLLPRRLGKALLFSKGRVWRFDLKSQKVD PQSVIRVDKEFSGVPWN SHDIFQYQDKAYFCHGKFFWRVVSFQNEVNKVDHEVNQVDDVG YVTY DLLQCP
Host	Viruses
Theoretical MW (kDa)	79.3
Form	Liquid

Preparation Method	Baculovirus expression system
Purity	> 85% as analyzed by SDS-PAGE.
Endotoxin Level	< 1 EU/ug of protein by the LAL method.
Activity	The specific activity is > 500 pmol/min/ug, and is defined as the amount of enzyme that cleaves 1 pmol of Mca-PLGL-Dpa-AR-NH ₂ per minute at pH 7.5 at 25°C.
Quality Control Testing	SDS-PAGE Stained with Coomassie Blue. SDS-PAGE analysis of Mmp9 (Mouse) Recombinant Protein.
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	In 20mM Tris-HCl buffer, 100mM NaCl, pH 7.5 (10% glycerol, 10mM CaCl ₂ , 0.05% Brij35)
Storage Instruction	Store at 4°C for 1 week. For long term storage store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — Mmp9

Entrez GeneID	17395
Protein Accession#	P41245
Gene Name	Mmp9
Gene Alias	AW743869, B/MMP9, Clg4b, MMP-9, pro-MMP-9
Gene Description	matrix metalloproteinase 9
Gene Ontology	Hyperlink
Other Designations	92kD gelatinase 92kD type IV collagenase 92kDa gelatinase 92kDa type IV collagenase Gel B O TTMUSP00000001145 collagenase type IVB gelatinase B matrix metalloproteinase 9