

Matrix Metalloproteinase 9 (MMP9) Protein | MMP9 protein

Eukaryotic Matrix Metalloproteinase 9 (MMP9)

CATALOG # AAA147106	HOST Yeast	APPLICATIONS Western Blot, SDS-Page
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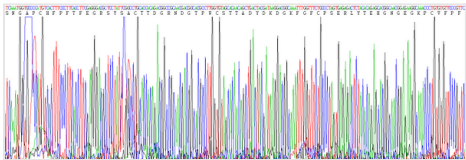
PRODUCT SYNONYMS

Matrix Metalloproteinase 9 (MMP9); Eukaryotic Matrix Metalloproteinase 9 (MMP9); GELB; Gelatinase B; CLG4B; CLG4-B; 92 KDa Gelatinase; 92kDa Type IV Collagenase; MMP9 protein

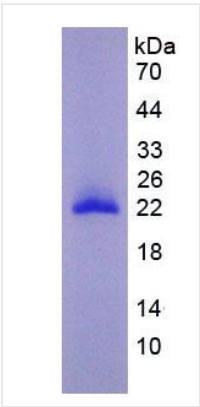
PRODUCT SPECIFICATIONS

Host	Yeast
Purity/Purification	> 95%
Form/Format	Freeze-dried powder
Sequence Length	730
Applicable Applications for MMP9 protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Fragment	Ser225~Ser413
Tag	N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 5% Trehalose and Proclin300.
Source Note	Eukaryotic expression
Organism Species	Mouse
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	5.7
Subcellular Location	Secreted, Extracellular matrix
Usage	Reconstitute in PBS or others.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Application Data



SDS-PAGE

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SNGAPC HFPFTFEGRS YSACTTDGRN
DGTPMCSTTA DYDKDGKFGF CPSERLYTEH GNNEGKPCVF PFIFEGRSYS
ACTTKGRSDG YRWCATTANY DQDKLYGFCP TRVDATVVG NSAGELCVFP
FVFLGKQYSS CTSDGRRDGR LHCATTSNFD TDKKWGFCPD QGYSLFLVAA
HEFGHALGLD HSS
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Sequence

ADDITIONAL INFORMATION

Product Categories/Family for MMP9 protein	Eukaryotic proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7305277
NCBI GeneID	17395
NCBI Accession #	NP_038627.1
NCBI GenBank Nucleotide #	NM_013599.4
UniProt Accession #	P41245; Q06788; Q80XI8; Q9DC02
Molecular Weight	22.2kDa; 22kDa
NCBI Official Full Name	matrix metalloproteinase-9 preproprotein
NCBI Official Synonym Full Names	matrix metalloproteinase 9
NCBI Official Symbol	Mmp9
NCBI Official Synonym Symbols	Clg4b; Gel B; MMP-9; B/MMP9; AW743869; pro-MMP-9
NCBI Protein Information	matrix metalloproteinase-9
UniProt Protein Name	Matrix metalloproteinase-9
UniProt Gene Name	Mmp9
UniProt Synonym Gene Names	Clg4b; MMP-9; GELB

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.