



Recombinant Human Matrix metalloproteinase-9 (MMP9), partial

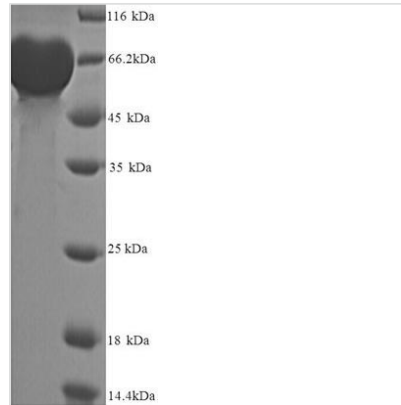
Product Code	CSB-YP014679HU
Relevance	May play an essential role in local proteolysis of the Extracellular domain matrix and in leukocyte migration. Could play a role in bone osteoclastic resorption. Cleaves KiSS1 at a Gly- -Leu bond. Cleaves type IV and type V collagen into large C-terminal three quarter fragments and shorter N-terminal one quarter fragments. Degrades fibronectin but not laminin or Pz-peptide.
Abbreviation	Recombinant Human MMP9 protein, partial
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P14780
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	FQTFEGDLKWHHHNITYWIQNYSEDLPRVIDDAFARAFALWSAVTPLTFTRV YSRDADIVIQFGVAEHGDGYPFDGKDGLLAHAFPPGPGIQGDAHFDDELWS LGKGVVVPTRFGNADGAACHFPFIFEGRSYSACTTDGRSDGLPWCSTTANYD TDDRFGFCPSERLYTQDGNADGKPCQFPFIFQGQSYSACTTDGRSDGYRWC ATTANYDRDKLFGFCPTRADSTVMGGNSAGELCVFPFTFLGKEYSTCTSEGR GDGRLWCATTSNFDSDKKWGFCPDQGYSFLVAAHEFGHALGLDHSSVPEA LMYPMYRFTEGPPLHKDDVNGIRHLYGPRPEPEPRPPTTTTTPQPTAPPTVCPT GPPTVHPSERPTAGPTGPPSAGPTGPPTAGPSTATTVPLSPVDDACNVNIFDA IAEIGNQLYLFKDGKYWRFSEGRGSRPQGPFLIADKWPALPRKLDSVFEERLS KKLFFFSGRQVWVYTGASVLGPRRLDKLGLGADVAVQVTGALRSRGRKMLLFS GRRLWRFDVKAQMVDPRSASEVDRMFPGVPLDTHDVFQYREKAYFCQDRFY WRVSSRSELNQVDQVGYVTYDILQCPED
Research Area	Developmental Biology
Source	Yeast
Target Names	MMP9
Protein Names	Recommended name: Matrix metalloproteinase-9 Short name= MMP-9 EC= 3.4.24.35 Alternative name(s): 92 kDa gelatinase 92 kDa type IV collagenase Gelatinase B Short name= GELB Cleaved into the following 2 chains: 1. 6
Expression Region	107-707aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged



Mol. Weight 68.6kDa

Protein Length Partial

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Shelf Life

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