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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

MMP9 (Human) Recombinant Protein (P01)

Catalog Number: H00004318-P01

Regulation Status: For research use only (RUO)

Product Description: Human MMP9 full-length ORF (AAH06093.1, 1 a.a. - 707 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MSLWQPLVLLVLLVGGCFAAPRQRQSTLVLFPGLRRT
NLTDRQLAEEYLYRYGYTRVAEMRGESKSLGPALLL
KQQLSLPETGELDSATLKAMRTPRCGVPDLGRFQTFE
GDLKWHHHNITYWIQNYSEDLPRAVIDDAFARAFALW
SAVPTLFTFRVYSRDADIVIQFVGAEHGDGYPFDGKD
GLLAHAFPPGPGIQGDAHFDDELWLSLKGKVVVPTFR
GNADGAACHFPFIFEGRSYSACTTDGRSDGLPWCSTT
ANYDTDDRFGFCPSERLYTRDGNADGKPCQFPFIFQG
QSYSACTTDGRSDGYRWCATTANYDRDKLFGFCPTR
ADSTVMGGNSAGELCVFPFTFLGKEYSTCTSEGRGD
GRLWCATTSNFDSKKGWFCPDQGYSLFLVAAHEFG
HALGLDHSSVPEALMYPMYRFTEGPPHKKDDVNGIRH
LYGPRPEPEPRPPTTTTTQPPTAPPTVCPTGPPTVHPS
ERPTAGPTGPPSAGPTGPPTAGPSTATTVPLSPVDDA
CNVNIFDAIAEIGNQLYLFKDGKYWRFSEGRGSRPQG
PFLIADKWPALPRKLDVFEPEPLSKLFFFSGRQVWVY
TGASVLGPRRLDKLGLGADVAQVTGALRSGRGKMLLF
SGRRLWRFVDVKAQMVDPRSASEVDRMFPGVPLDTHD
VFQYREKAYFCQDRFYWRVSSRSELNQVDQVGYVTY
DILQCPED

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 103.4

Interspecies Antigen Sequence: Mouse (72)

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4318

Gene Symbol: MMP9

Gene Alias: CLG4B, GELB, MMP-9

Gene Summary: Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. Most MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. The enzyme encoded by this gene degrades type IV and V collagens. Studies in rhesus monkeys suggest that the enzyme is involved in IL-8-induced mobilization of hematopoietic progenitor cells from bone marrow, and murine studies suggest a role in tumor-associated tissue remodeling. [provided by RefSeq]