

RPPB1965

Product Information Protein Information

Product SKU:

RPPB1965

Accession:

P14780

Host:

HEK293 Cells.

Protein description:

MMP9 Human Recombinant is a single, glycosylated polypeptide chain containing 694 amino acids (20-707a.a) and having a molecular mass of 77.2kDa (calculated). MMP9 is fused to a 6 a.a His tag at C-terminal.

Appearance:

Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Matrix metalloproteinase-9, MMP-9, 92 kDa gelatinase, Gelatinase B, GELB, MMP9, CLG4B.

Formulation:

MMP9 filtered (0.4 µm) and lyophilized from 0.5mg/ml solution in PBS, pH7.5 and 5% (w/v) Threalose.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Solubility:

It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely.

Stability:

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

Amino Acid Sequence:

APRQRQSTLVLFPGDLRNTLDRQLAEEYLYRYGYTRVAEMRGESKSLGPALLLLQQLSLPET
GELDSATLKAMRTPRCGVDPDLGRFQTFEGDLKWHHHNITYWIQNYSEDLPRAVIDDAFARAF
ALWSAVTPLTFTRVYRDADIVIQFGVAEHGDGYPFDGKDLLAHAFPPGPIQGDAHFDDD
ELWSLGKGVVVPTRFGNADGAACHFPFIFEGRSYSACTTDGRSDGLPWCSTTANYDTRDRFG
FCPSERLYTRDGNADGKPCQPFIFQGSYSACTTDGRSDGYRWCATTANYDRDKLFGFCPTR
ADSTVMGGNSAGELCVFPFTFLGKEYSTCTSEGRGDRLWCATTSNFDSDKKWGFPCPDQ
GYSFLVAAHEFGHALGLDHSSVPEALMYPMYRFTEGPPLHKDDVNGIRHLYGPRPEPEPRPPTTTT
PQPTAPPTVCPTGPPTVHPSERPTAGPTGPPSAGPTGPPTAGPSTATTVPLSPVDDACNVNIFDAIAE
IGNQLYLFKDGKYWRFSEGRGSRPQGPFLIADKWPALPRKLDVSVFEERLSKKLFFFSGRQVWVYTGAS
VLGPRRLDKLGLGADVAQVTGALRSGRGKMLLFSGRRLWRFVKAQMVDPRSASEVDRMFPGVPLD
THDVFQYREKAYFCQDRFYWRVSSRSELNQVDQVGVVYDILQCPEDHHHHHH.