

32-13693: MMP9 Mouse

Format : MMP9 Mouse protein solution (0.25mg/ml) contains 20mM Tris-HCl pH-7.5, 10mM CaCl₂, 100mM NaCl, 0.05% Brij35 and 10% glycerol.

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

Description

Source:Sf9, Baculovirus cells.

Physical Appearance: Sterile Filtered colorless solution.

Biological Activity: null

MMP9 is part of the matrix metalloproteinase family. MMP enzymes take part in the dismantle of extracellular matrix in different physiological pathways, for instance wound healing, bone development, reproduction etc. the enzyme is also involved in pathological pathways: metastasis, arthritis and intracerebral hemorrhage.

MMP9 Mouse produced in Sf9 Insect cells is a single, glycosylated polypeptide chain containing 711 amino acids (20-730 a.a.) and having a molecular mass of 79.3 kDa. MMP9 is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount : 10 µg / 2 µg

Purification : Greater than 85% as determined by SDS-PAGE.

Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid : APYQRQPTFV VFPKDLKTSN LTDTQLAEAY LYRYGYTRAA QMMGEKQSLR PALLMLQKQL SLPQTGELDS QTLKAIRTPR CGVPDVGRFQ TFKGLKWDHH NITYWIQNYE EDLPRDMIDD AFARAFVWG EVAPLTFTRV YGPEADIVIQ FGVAEHGDGY PFDGKDGLLA HAFPPGAGVQ GDAHFDDEL WSLGKGVVIP TYYGNSGAP CHFPTFEGR SYSACTTDGR NDGTPWCSTT ADYDKDGKFG FCPSELYTE HGNGEGKPCV PPFIFEGRSY SACTTKGRSD GYRWCATTAN YDQDKLYGFC PTRVDATVVG GNSAGELCVF PFVFLGKQYS SCTSDGRRDG RLWCATTSNF DTDKKWGFPC DQGYSFLVA AHEFGHALGL DHSSVPEALM YPLYSYLEGF PLNKDDIDGI QYLYGRGSKP DPRPPATTTT EPQPTAPPTM CPTIPPTAYP TVGPTVGPTG APSPGPTSSP SPGPTGAPSP GPTAPPTAGS SEASTESLSP ADNPCNVDVF DAIAEIQGAL HFFKDGWYWK FLNHRGSPLQ GPFLTARTWP ALPATLDSAF EDPQTKRVFF FSGRQMWVYT GKTVLGPRSL DKLGLGPEVT HVSGLLPRRL GKALLFSKGR VWRFDLKSQK VDPQSVIRVD KEFSGVPWNS HDIFQYQDKA YFCHGKFFWR VSFQNEVNKV DHEVNQVDDV GYVTDLLQC P-HHHHHH