9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-6848: MMP2 Mouse

Alternative Name : 72 kDa type IV collagenase, 72 kDa gelatinase, Gelatinase A, Matrix metalloproteinase-2, MMP-2, TBE-1, MMP2, CLG4A, CLG4, MONA, MMP-II.

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
MMP-2 or gelatinase A, is secreted by fibroblasts, cardiomyocytes, and myofibroblasts. MMP-2 has a broad feild of substrates, that contain elastin, collagen, fibroblast growth factor, endothelin, MMP-9, plasminogen, MMP-13 and TGF-beta, pointing towards bread roles of MMP-2. MMP-2 activity boosts at day four post-MI and attains a maximum by day seven.
MMP2 Mouse produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 644 amino acids (30-662 aa) and having a molecular mass of 72.4kDa.MMP2 is fused to a 11 amino acid His tag at C-terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	The MMP2 solution (0.25 mg/ml) contains 10% Glycerol and Phosphate-Buffered Saline (pH 7.4).
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 :	ADPEFAPSPI IKFPGDVAPK TDKELAVQYL NTFYGCPKES CNLFVLKDTL KKMQKFFGLP QTGDLDQNTI ETMRKPRCGN PDVANYNFFP RKPKWDKNQI TYRIIGYTPD LDPETVDDAF ARALKVWSDV TPLRFSRIHD GEADIMINFG RWEHGDGYPF DGKDGLLAHA FAPGTGVGGD SHFDDDELWT LGEGQVVRVK YGNADGEYCK FPFLFNGREY SSCTDTGRSD GFLWCSTTYN FEKDGKYGFC PHEALFTMGG NADGQPCKFP FRFQGTSYNS CTTEGRTDGY RWCGTTEDYD RDKKYGFCPE TAMSTVGGNS EGAPCVFPFT FLGNKYESCT SAGRNDGKVW CATTTNYDDD RKWGFCPDQG YSLFLVAAHE FGHAMGLEHS QDPGALMAPI YTYTKNFRLS HDDIKGIQEL YGPSPDADTD TGTGPTPTLG PVTPEICKQD IVFDGIAQIR GEIFFFKDRF IWRTVTPRDK PTGPLLVATF WPELPEKIDA VYEAPQEEKA VFFAGNEYWV YSASTLERGY PKPLTSLGLP PDVQQVDAAF NWSKNKKTYI FAGDKFWRYN EVKKKMDPGF PKLIADSWNA IPDNLDAVVD LQGGGHSYFF KGAYYLKLEN QSLKSVKFGS IKSDWLGCHH HHHH