

Recombinant Human MMP12 Protein

Catalog #	Source	Reactivity	Applications
CRP1966	Human cells	Human	E, WB, SDS-PAGE, MS

Description	Recombinant Human MMP12 Protein is produced by our Mammalian expression system and the target gene encoding Gly106-Cys470 is expressed with a 6His tag at the C-terminus.
Form	Supplied as a 0.2 μ M filtered solution of 20mM MES, 150mM NaCl, 0.05% Brij35, pH 5.5.
Gene Symbol	MMP12
Alternative Names	HME; Macrophage metalloelastase; MME; Macrophage elastase; ME; hME; Matrix metalloproteinase-12; MMP-12
Entrez Gene	4321 (Human)
SwissProt	P39900 (Human)
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
Chemical Structure	LPLNSSTSLE KNNVLFGERY LEKFYGLEIN KLPVTKMKYS GNLMKEKIQE MQHFLGLKVT GQLDTSTLEM MHAPRCGVDPD VHHFREMPGG PVWRKHYYITY RINNYTPDMN REDVDYAIRK AFQVWSNVTP LKFSKINTGM ADILVVFARG AHGDFHAFDG KGGILAHAFG PGSGIGGDAH FDEDEFWTTH SGGTNLFLTA VHEIGHSLGL GHSSDPKAVM FPTYKYVDIN TFRLSADDIR GIQSLYGDPK ENQRLPNPDN SEPALCDPNL SFDAVTTVGN KIFFFKDRFF WLKVSERPKT SVNLISSLWP TLP SGIEAAY EIEARNQVFL FKDDKYWLIS NLRPEPNYPK SIHSFGFPNF VKKIDAAVFN PRFYRITYFFV DNQYWRYDER RQMMDPGYPK LITKNFQGIG PKIDAVFYSK NKYYYYFFQGS NQFEYDFLLQ RITKTLKSNS WFGCVDHHHH HH
Quality Control	Endotoxin: Less than 0.1 ng/ μ g (1 IEU/ μ g) as determined by LAL test.
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not
Application key:	E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key:	H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

COHESION BIOSCIENCES LIMITED

WEB
www.cohesionbio.com

ORDER
order@cohesionbio.com

SUPPORT
techsupport@cohesionbio.com

CUSTOM
custom@cohesionbio.com

Product Data Sheet

recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

COHESION BIOSCIENCES LIMITED

WEB

www.cohesionbio.com

ORDER

order@cohesionbio.com

SUPPORT

techsupport@cohesionbio.com

CUSTOM

custom@cohesionbio.com