

## Recombinant Human MMP1 Protein

Catalog #	Source	Reactivity	Applications
CRP1965	Human cells	Human	E, WB, SDS-PAGE, MS

<b>Description</b>	Recombinant Human MMP1 Protein is produced by our Mammalian expression system and the target gene encoding Phe20-Asn469 is expressed with a 6His tag at the C-terminus.
<b>Form</b>	Liquid in a 0.2 µM filtered solution of 20mM MES, 150mM NaCl, 0.05% Brij35, 10% Glycerol, pH5.5.
<b>Gene Symbol</b>	MMP1
<b>Alternative Names</b>	CLG; Interstitial collagenase; Fibroblast collagenase; Matrix metalloproteinase-1; MMP-1
<b>Entrez Gene</b>	4312 (Human)
<b>SwissProt</b>	P03956 (Human)
<b>Purity</b>	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
<b>Chemical Structure</b>	FPATLETQEQ DVDLVQKYLE KYYNLKN DGR QVEKRRNSGP VVEK LKQMQE FFGLKVTGKP DAETLKVMKQ PRCGVPDVAQ FVLTEGNPRW EQTHLTYRIE NYTPDLPRAD VDHAIEKAFQ LWSNVTPLTF TKVSEGOADI MISFVRGDHR DNSPFDGPGG NLAHAFQPGP GIGGDAHFD E DERWTNNFRE YNLHRVAAHE LGHSLGLSHS TDIGALMYP S YTFSGDVQLA QDDIDGIQAI YGRSQNPVQP IGPQTPKACD SKLTFDAITT IRGEVMFFKD RFYMRTNPFY PEVELNFISV FWPQLPNGLE AAYEFADRDE VRFFKGNKYW AVQGQNVLHG YPKDIYSSFG FPRTVKHIDA ALSEENTGKT YFFVANKYWR YDEYKRSM DP GYPKMIAHDF PGIGHKVDAV FMKDGFFYFF HGTRQYKFDP KTKRILT LQK ANSWFNCRKN VDHHHHHH
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
<b>Directions for Use</b>	Always centrifuge tubes before opening. It is recommended that the protein be
<b>Application key:</b>	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
<b>Species reactivity key:</b>	H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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# Product Data Sheet

aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

## Storage/Stability

Store it at -20°C to -80°C for one year.

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