

Recombinant Human MMP3 Protein

Catalog #	Source	Reactivity	Applications
CRP1969	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human MMP3 Protein is produced by our Mammalian expression system and the target gene encoding Tyr18-Cys477 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 µM filtered solution of 20mM Tris-HCl, 150mM NaCl, 0.05% Brij35, 10% Glycerol, pH7.5.		
Gene Symbol	MMP3		
Alternative Names	STMY1; Stromelysin-1; SL-1; Matrix metalloproteinase-3; MMP-3; Transin-1		
Entrez Gene	4314 (Human)		
SwissProt	P08254 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	<p>YPLDGAARGE DTSMNLVQKY LENYYDLEKD VKQFVRRKDS GPVVKKIREM QKFLGLEVTG KLSDTLEVM RKPRCGVPDV GHRFTFPGIP KWRKTHLYR IVNYTPDLPK DAVDSAVEKA LKVVWEEVTPL TFSRLYEGEA DIMISFAVRE HGDFYFPDGP GNVLAHAYAP GPGINGDAHF DDDEQWTKDT TGTNLFVAA HEIGHSLGLF HSANTEALMY PLYHSLTDLT RFRLSQDDIN GIQSLYGPPP DSPETPLVPT EPVPPEPGTP ANCDPALSFD AVSTLRGEIL IFKDRHFWRK SLRKLEPELH LISSFWPSLP SGVDAAYEVT SKDLVFIFKG NQFWAIRGNE VRAGYPRGIH TLGFPPTVRK IDAAISDKEK NKTYFFVEDK YWRFDEKRNS MEPGFPKQIA EDFPGIDSKI DAVFEEFGFF YFFTGSSQLE FDPNAKKVTH TLKSNSWLNC VDHHHHHH</p>		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

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

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Product Data Sheet

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

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