

Product Data Sheet

Recombinant Human MMP13 Protein

Catalog #	Source	Reactivity	Applications
CST1101	E. coli	H	
Description	Recombinant Human MMP13 Protein is produced by E. coli expression system and the target gene encoding Asp361-Lys430 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	MMP13		
Alternative Names	Collagenase 3; Matrix metalloproteinase-13; MMP-13		
Entrez Gene	4322		
SwissProt	P45452		
Purity			
Chemical Structure	DILEGYPKKI SELGLPKVK KISA AVHFED TGKTLFSGN QVWRYDDTNH IMDKDYPRLI EEDFPGIGDK		
Quality Control			
Directions for Use	Always centrifuge tubes before opening. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year. 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

COHESION BIOSCIENCES LIMITED

WEB
www.cohesionbio.com

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order@cohesionbio.com

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