



Recombinant *Xenopus laevis* Collagenase 3 (mmp13)

Product Code	CSB-EP607442XBE
Abbreviation	mmp13
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q10835
Product Type	Recombinant Protein
Immunogen Species	<i>Xenopus laevis</i> (African clawed frog)
Purity	>85% (SDS-PAGE)
Sequence	QYNFFPRK LK WPRNNLT YRI VNYTPDLSTS EVDRAIKKAL KVWSDVTP LN FTRLRTGTAD IMVSFGKKEH GDYYPF DGP D GLLAHAFPPG EKLGGDTHFD DDEM FSTDNK GYNLFVVA AH EFGHALGLDH SRDPGSLMFP VYTYTETSRF VLPDDD VQGI QVLYGPGNRD PHPKHPKTPE KCDPDL SIDA ITEL RGEKMI FKDRFFWRVH PQMTDAELVL IKSFWPELPN KLDAAYEHPA KDLSYLFRGK KFWALNGYDI VEDYPK LHE LGFPKTLKAI DAAVYNKDTG KTFFFT EDSY WSFDEEARTL DKGFPRLISE DFPGIGEKVD AAYQRNGYLY FFNGALQFEY SIWSQRITRI LKTNFVLMC
Source	E.coli
Target Names	mmp13
Protein Names	Recommended name: Collagenase 3 EC= 3.4.24.- Alternative name(s): Matrix metalloproteinase-13 Short name= MMP-13
Expression Region	101-469
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.