



Recombinant Mouse Interstitial collagenase A (Mmp1a)

Product Code	CSB-EP880620MO
Abbreviation	Mmp1a
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.	Q9EPL5
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	YAIT HNNPRWTKTH LTYSILNYTP YLPKAVVEDA IARAFRVWSD VTPLTFQRVF EEEGDIVLSF HRGDHGDNNP FDGPNYKLAH TFQPGPGLGG DVHYDLDETW TNSSEFNLF YVTAHELGHSLGLTHSSDIG ALMFPSYTWY TEDFVLNQDD INRIQDLYGP SPNPIQPTGA TTPHPCNGDL TFDAITFRG EVFFFKGRFY IRVNRFMPEP ELNLIGILWP NLPVKLDAAY EASMIDQVRY FKGSKVWAVQ EQSVLRGFPR DIHSFFGFPS NVTHIDAAVC EEETGKTYFF VDHMYWRYDE NTQSMDFGYP RLTAEDFPGI DDKVDDVFQK GENFYFFHQS VQHRFNLQIR RVDDSRDSST WFNC
Source	E.coli
Target Names	Mmp1a
Protein Names	Recommended name: Interstitial collagenase A EC= 3.4.24.7 Alternative name(s): Matrix metalloproteinase-1a Short name= MMP-1a Mcol-A
Expression Region	97-464
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.