



Recombinant Human Matrix metalloproteinase-17 (MMP17)

Product Code	CSB-EP891554HU
Abbreviation	MMP17
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.	Q9ULZ9
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	QAPAP TKWNKRNLWSV RVRTFPRDSP LGHDTVRLM YYALKVWSDI APLNFHEVAG SAADIQIDFS KADHNDGYPF DGPGGTVAHA FFPGHHHTAG DTHFDDDEAW TFRSSDAHGM DLFVAVHEF GHAIGLSHVA AAHSIMRPYY QGPVGDPLRY GLPYEDKVRV WQLYGVRESV SPTAQPEEPP LLPEPPDNRS SAPPRKDVPH RCSTHFDVA QIRGEAFFFK GKYFWRLTRD RHLVSLQPAQ MHRFWRGLPL HLDSVDAVYE RTSDHKIVFF KGDYVWVFKD NNVEEGYPRP VSDFLPPGG IDAAFSWAHN DRTYFFKDQL YWRYDDHTRH MDPGYPAQSP LWRGVPSTLD DAMRWSDGAS YFFRGQEYWK VLDGELEVAP GYPQSTARDW LVCGDSQADG SVAAGVDAAE GPRAPPGQHD QSRSEGGYEV CSCTS
Source	E.coli
Target Names	MMP17
Protein Names	Recommended name: Matrix metalloproteinase-17 Short name= MMP-17 EC= 3.4.24.- Alternative name(s): Membrane-type matrix metalloproteinase 4 Short name= MT-MMP 4 Short name= MTMMP4 Membrane-type-4 matrix metalloprote
Expression Region	126-565
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
Target Details	Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. Most MMP s are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. This protein is considered a member of the membrane-type MMP



(MT-MMP) subfamily. However, this protein is unique among the MT-MMP s in that it is a GPI-anchored protein rather than a transmembrane protein. The protein activates MMP-2 by cleavage.

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.