



Recombinant Human Matrix metalloproteinase-26 (MMP26)

Product Code	CSB-EP889091HU-B
Abbreviation	MMP26
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.	Q9NRE1
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	T SISPGRCKWN KHTLTYSRIIN YPHDMKPSAV KDSIYNAVSI WSNVTPLIFQ QVQNGDADIK VSFQWAHED GWPFDGPGGI LGHAFLPNSG NPGVVHFDKN EHWSASDTGY NLFLVATHEI GHSLGLQHSG NQSSIMYPTY WYHDPRTFQL SADDIQRIQH LYGEKCSSDI P
Source	E.coli
Target Names	MMP26
Protein Names	Recommended name: Matrix metalloproteinase-26 Short name= MMP-26 EC= 3.4.24.- Alternative name(s): Endometase Matrilysin-2
Expression Region	90-261
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. The encoded protein degrades type IV collagen, fibronectin, fibrinogen, casein, vitronectin, alpha 1-antitrypsin, alpha 2-macroglobulin, and insulin-like growth factor-binding protein 1, and activates MMP9 by cleavage. The protein differs from most MMP family members in that it lacks a conserved C-terminal protein domain.
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.