



# Recombinant Human Matrix metalloproteinase-21 (MMP21)

<b>Product Code</b>	CSB-EP854014HU-B
<b>Abbreviation</b>	MMP21
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q8N119
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	SPRAPL SLSRRGWQPR GYPDGGAAQA FSKRTLWRL LGEALSSQLS VADQRRIVAL AFRMWSEVTP LDFREDLAAP GAAVDIKLGF GRGRHLGCP AFDGSQEF A HAWRLGDIHF DDDEHFTPPT SDTGISLLKV AVHEIGHVLG LPHTYRTGSI MQPNYIPQEP AFELDWSDRK AIQKLYGSCE GSFDTAFDWI RKERNQYGEV MVRFSTYFFR NSWYWLYENR NNRTRYGDPI QILGWPGIP THNIDAFVHI WTWKRDERYF FQGNQYWRYD SDKDQALTED EQGKSYPKLI SEGFPGIPSP LDTAFYDRRQ KLIYFFKESL VFAFDVNRNR VLNSYPKRIT EVFPAVIPQN HPFRNIDSAY YSYAYNSIFF FKG NAYWKVV NDKDKQQNSW LPANGLFPPK FISEKWFDVC DVHISTLNM
<b>Source</b>	E.coli
<b>Target Names</b>	MMP21
<b>Protein Names</b>	Recommended name: Matrix metalloproteinase-21 Short name= MMP-21 EC= 3.4.24.-
<b>Expression Region</b>	145-569
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	This gene encodes a member of the matrix metalloproteinase family. Proteins in this family are involved in the breakdown of extracellular matrix for both normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, and disease processes, such as asthma and metastasis. The encoded protein may play an important role in embryogenesis, particularly in neuronal cells, as well as in lymphocyte development and survival.
<b>Reconstitution</b>	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.

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**Shelf Life**

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