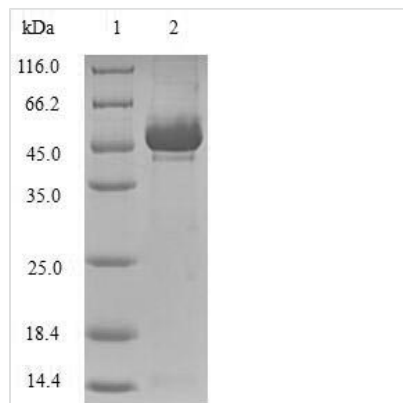




Recombinant Human Stromelysin-2 (MMP10)

Product Code	CSB-EP014657HU
Relevance	Can degrade fibronectin, gelatins of type I, III, IV, and V; weakly collagens III, IV, and V. Activates procollagenase.
Abbreviation	Recombinant Human MMP10 protein
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.	P09238
Alias	Matrix metalloproteinase-10 ;MMP-10Transin-2
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	FSSFPGMPKWRKTHLTIRIVNYTPDLPRDAVDSAIEKALKVWEEVTPLTFSRLY EGEADIMISFAVKEHGDFYSFDGPGHSLAHAYPPGPGLYGDIHFDDDEKWTE ASGTNLFLVAAHELGHSLGLFHSANTEALMYPLYNSFTELAQFRLSQDDVNGI QSLYGPPPASTEELVPTKSVPSGSEMPAKCDPALSFDAISTLRGEYLFFKDR YFWRRSHWNPEPEFHLISAFWPSLPSYLDAAEVNSRDTVFIFKGNEFWAIRG NEVQAGYPRGIHTLGFPTIRKIDAAVSDKEKKKTYFFAADKYWRFDENSQSM EQGFPRLIADDFPGVEPKVDAVLQAFFGYFFSGSSQFEFDPNARMVTHILKS NSWLHC
Research Area	Cancer
Source	E.coli
Target Names	MMP10
Expression Region	99-476aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	47.0kDa
Protein Length	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Description

This Recombinant Human MMP10 protein is an essential tool for researchers studying cancer and related fields. Stromelysin-2 (SL-2), also known as Matrix metalloproteinase-10 (MMP-10) or Transin-2, plays a crucial role in extracellular matrix degradation, cell migration, and tissue remodeling. These processes are involved in various physiological and pathological conditions, including cancer development and progression.

Our Recombinant Human MMP10 protein is expressed in E.coli, encompassing the full length of the mature protein (99-476aa), which ensures the maintenance of native structure and function. With an N-terminal 6xHis-tag, the protein allows for efficient purification and detection, ensuring consistent and reliable results for your research. The purity of our Recombinant Human MMP10 protein is greater than 90%, as determined by SDS-PAGE, providing a high-quality product for your experiments. Available in both liquid and lyophilized powder formats, this protein caters to the diverse requirements of your research.

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

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