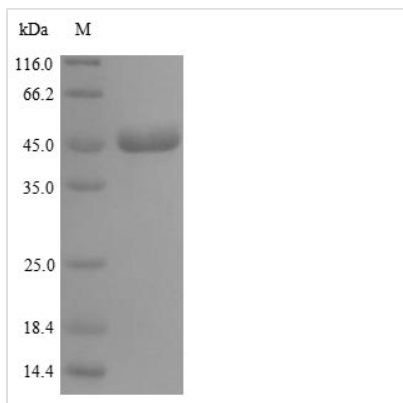




Recombinant Human Stromelysin-2 (MMP10)

Product Code	CSB-YP014657HU
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	≥ 90% as determined by SDS-PAGE.
Sequence	FSSFPGMPKWRKTHLTYRIVNYTPDLPRDAVDSAIEKALKVWEEVTPLTFSRLY EGEADIMISFAVKEHGDFYSFDGPGHSLAHAYPPGPGLYGDIHFDDDEKWTE ASGTNLFLVAAHELGHSLGLFHSAANTEALMYPLYNSFTELAQFRLSQDDVNGI QSLYGPPASTEELVPTKSVPSGSEMPAKCDPALSFDAISTLRGEYLFFKDR YFWRRSHWNPEPEFHLISAFWPSLPSYLDAAAYEVNSRDTVFIFKGNFWAIRG NEVQAGYPRGIHTLGFPTIRKIDAAVSDKEKKKTYFFAADKYWRFDENSQSM EQGFPRLIADDFPGVEPKVDAVLQAFGFFYFFSGSSQFEFDPNARMVTHILKS NSWLHC
Research Area	Cancer
Source	Yeast
Target Names	MMP10
Protein Names	Recommended name: Stromelysin-2 Short name= SL-2 EC= 3.4.24.22 Alternative name(s): Matrix metalloproteinase-10 Short name= MMP-10 Transin-2
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	45.0kDa
Protein Length	Full Length of Mature Protein
Image	



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

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.