



Recombinant Human Interstitial collagenase (MMP1), partial

Product Code	CSB-EP014656HU1
Relevance	Cleaves collagens of types I, II, and III at one site in the helical domain. Also cleaves collagens of types VII and X. In case of HIV infection, interacts and cleaves the secreted viral Tat protein, leading to a decrease in neuronal Tat's mediated neurotoxicity.
Abbreviation	Recombinant Human MMP1 protein, partial
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.	P03956
Alias	Fibroblast collagenase;Matrix metalloproteinase-1 ;MMP-1
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	VLTEGNPRWEQTHLTYRIENYTPDLPRADV DHAIEKAFQLWSNV TPLTFTKVS EGQADIMISFVRGDHRDNSPFDGPGGNLAHAFQPGPGIGGDAHFDEDERWT NNFREYNLHRVAAHELGHSLGLSHSTDIGALMYPSTFSGDVQLAQDDIDGIQ AIYGRSQNPVQPIGPQTPKACDSKLTFDAITIRGEVMFFKDRFYMR TNPFYPE VELNFISVFWPQLPNGLEAAYEFADRDEV RFFKGNKYWAVQGQNVLHGYPKD IYSSFGFPRTVKHIDAALSEENTGKTYFFVANKYWRYDEYKRSM DPGYPKMIA HDFPGIGHKVDVAFMKDGGFFYFFHGT RQYKFDPKTKRILTLQKANSWFNCRK N
Research Area	Developmental Biology
Source	E.coli
Target Names	MMP1
Expression Region	101-469aa
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	46.5kDa
Protein Length	Partial
Image	

