



Recombinant Human Macrophage metalloelastase (MMP12)

Product Code	CSB-EP014659HU
Relevance	May be involved in tissue injury and remodeling. Has significant elastolytic activity. Can accept large and small amino acids at the P1' site, but has a preference for leucine. Aromatic or hydrophobic residues are preferred at the P1 site, with small hydrophobic residues (preferably alanine) occupying P3.
Abbreviation	Recombinant Human MMP12 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.	P39900
Alias	Macrophage elastase ;ME ;hMEMatrix metalloproteinase-12 ;MMP-12
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	GPVWRKHYITYRINNYTPDMNREDVDYAIRKAFQVWSNVTPLKFSKINTGMAD ILVVFARGAHGDFHAFDGGKGGILAHAFGPGSGIGGDAHFDEDEFWTTTHSGGT NLFLTAVHEIGHSLGLGHSSDPKAVMFPTYKYVDINTFRLSADDIRGIQSLYGD PKENQRLPNPDNSEPALCDPNLSFDAVTTVGNKIFFFKDRFFWLKVSEPKTS VNLISLWPTLPSGIEAAEIEARNQVFLFKDDKYWLISNLRPEPNYPKSIHSFG FPNFVKKIDAAVFNPRFYRTYFFVDNQYWRYDERRQMMDPGYPKLITKNFQGI GPKIDAVFYSKNKYYYYFFQGSNQFEYDFLLQRITKTLKSNSWFGC
Research Area	Cancer
Source	E.coli
Target Names	MMP12
Expression Region	106-470aa
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	46.1kDa
Protein Length	Full Length of Mature Protein
Image	

