

Recombinant Human MMP10 Protein (99-476 aa), His-tagged

Cat. No. MMP10-1457H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MMP10 Protein (99-476 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Cancer. Protein Description: Full Length of Mature Protein.
Species	Human
Source	Yeast
ProteinLength	99-476 aa
Description	Can degrade fibronectin, gelatins of type I, III, IV, and V; weakly collagens III, IV, and V. Activates procollagenase.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	45.0 kDa
AA Sequence	FSSFPGMPKWRKTHLTIRIVNYTPDLPRDAVDSAIEKALKVWEEVTPLTFSRLYEGE ADIMISFAVKEHGDFYSFDGPGHSLAHAYPPGPGLYGDIHFDDDEKWTEDASGTNL FLVAAHELGHSLGLFHSANTEALMYPLYNSTELAQFRLSQDDVNGIQSLYGPPPAS TEEPLVPTKSVPSGSEMPAKCDPALSFDAISTLRGEYLFFKDRYFWRRSHWNPEPE FHLISAFWPSLPSYLDAAEYVNSRDTVFIFKGNEFWAIRGNEVQAGYPRGIHTLGFPP TIRKIDAAVSDKEKKKTYFFAADKYWRFDENSSQSMQGFPRLIADDFPGVEPKVDAV LQAFGFFYFFSGSSQFEFDPNARMVTHILKSNSWLHC

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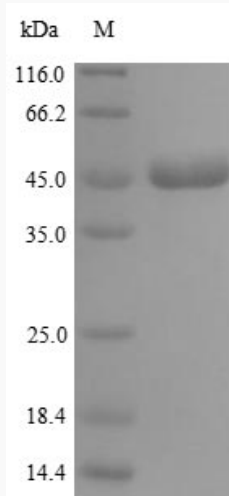
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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.
GENE INFORMATION	
Gene Name	MMP10 matrix metalloproteinase 10 (stromelysin 2) [Homo sapiens]
Official Symbol	MMP10
Synonyms	MMP10; stromelysin-2; MMP-10; transin 2; transin-2; stromelysin 2; SL-2; STMY2;
Gene ID	4319
mRNA Refseq	NM_002425
Protein Refseq	NP_002416
MIM	185260
UniProt ID	P09238

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

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