

## Recombinant Human MMP10 protein, His-tagged

Cat. No. MMP10-10H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human MMP10 protein(P09238) (Phe99-Cys476) was expressed in HEK293, with a polyhistidine tag at the N-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	99-476 aa
<b>Form</b>	Lyophilized from sterile 50mM MES, 100mM NaCl, 3mM CaCl <sub>2</sub> , 0.05% Brij-35, pH 6.0.
<b>Molecular Mass</b>	The recombinant Human MMP10 consists of 388 amino acids and predicts a molecular mass of 44.38 kDa. It migrates as an approximately 44 kDa and 27.7 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	≥ 90 % as determined by SDS-PAGE.
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

<b>Gene Name</b>	MMP10 matrix metalloproteinase 10 (stromelysin 2) [ Homo sapiens ]
<b>Official Symbol</b>	MMP10
<b>Synonyms</b>	MMP10; matrix metalloproteinase 10 (stromelysin 2); matrix metalloproteinase 10 (stromelysin 2) , STMY2; stromelysin-2; MMP-10; transin 2; transin-2; stromelysin 2; matrix metalloproteinase 10; matrix metalloproteinase-10; matrix metalloproteinase 10 (stromelysin 2); SL-2; STMY2;
<b>Gene ID</b>	4319
<b>mRNA Refseq</b>	NM_002425
<b>Protein Refseq</b>	NP_002416
<b>MIM</b>	185260
<b>UniProt ID</b>	P09238

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