Recombinant Human MMP10 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human MMP10 protein(P09238) (Phe99-Cys476) was expressed in HEK293, with a polyhistidine tag at the N-terminus.
Species	Human
Source	HEK293
ProteinLength	99-476 aa
Form	Lyophilized from sterile 50mM MES, 100mM NaCl, 3mM CaCl2, 0.05% Brij-35, pH 6.0.
Molecular Mass	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.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	≥ 90 % as determined by SDS-PAGE.
Storage	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.
Reconstitution	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

Gene Name	MMP10 matrix metallopeptidase 10 (stromelysin 2) [Homo sapiens]
Official Symbol	MMP10
Synonyms	MMP10; matrix metallopeptidase 10 (stromelysin 2); matrix metalloproteinase 10 (stromelysin 2) , STMY2; stromelysin-2; MMP-10; transin 2; transin-2; stromelysin 2; matrix metalloprotease 10; matrix metalloproteinase-10; matrix metalloproteinase 10 (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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