

Recombinant Human MMP9 protein, His-Avi-tagged, Biotinylated

Cat. No. MMP9-780HB **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human MMP9 protein(P14780)(Ala20-Asp707) is expressed from HEK293 with His tag and Avi tag at the C-Terminus.
Species	Human
Source	HEK293
ProteinLength	Ala20-Asp707
Conjugation/Label	Biotin
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Anti-MMP-9 Antibody, hFc Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human MMP-9, His Tag with the EC50 of 32.1ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 79.3 kDa. Due to glycosylation, the protein migrates to 95-105 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE

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> 95% as determined by HPLC

Storage

-20 to -80°C for 12 months as supplied from date of receipt.
 -80°C for 3-6 months after reconstitution.
 2-8°C for 2-7 days after reconstitution.
 Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution

Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

Conjugation

Biotin

GENE INFORMATION

Gene Name

MMP9 matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, 92kDa type IV collagenase) [Homo sapiens]

Official Symbol

MMP9

Synonyms

MMP9; matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, 92kDa type IV collagenase); CLG4B, matrix metalloproteinase 9 (gelatinase B, 92kD gelatinase, 92kD type IV collagenase), matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, 92kDa type IV collagenase); matrix metalloproteinase-9; 92 kDa gelatinase; type V collagenase; macrophage gelatinase; 92 kDa type IV collagenase; matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, 92kDa type IV collagenase); GELB; CLG4B; MMP-9; MANDP2;

Gene ID

4318

mRNA Refseq

NM_004994

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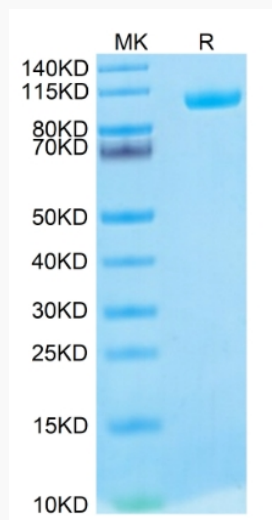
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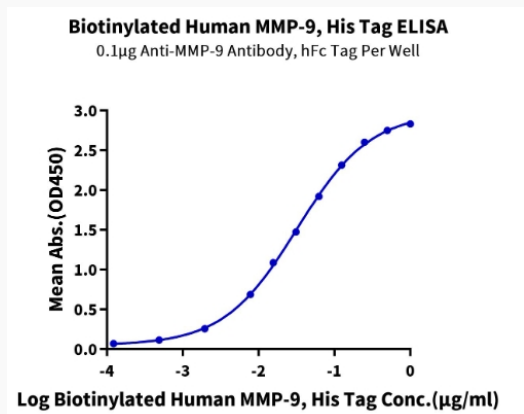
MIM 120361

UniProt ID P14780

Tris-Bis PAGE



ELISA



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