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Datasheet for ABIN7275271 MMP 9 Protein (His-Avi Tag,Biotin)

4 Images



Overview

Quantity:	100 µg
Target:	MMP 9 (MMP9)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MMP 9 protein is labelled with His-Avi Tag,Biotin.

Product Details

Sequence:	Ala20-Asp707
Purity:	> 95% as determined by Tris-Bis PAGE,> 95% as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Anti-MMP-9 Antibody, hFc Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human MMP-9, His Tag with the EC50 of 14.3ng/ml determined by ELISA. See testing image for detail.

Target Details

Target:	MMP 9 (MMP9)
Alternative Name:	MMP-9 (MMP9 Products)
Background:	MMP-9, GELB, CLG4B, MANDP2, Gelatinase B,Matrix metalloproteinase 9 (MMP9) contributes
	to this process and deficiencies in the MMP9 lead to impaired healing. Inappropriate expression

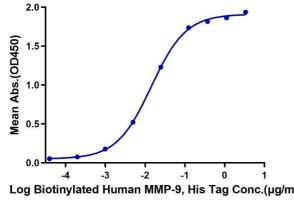
Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN7275271 | 09/09/2023 | Copyright antibodies-online. All rights reserved.

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	of MMP9 also contributes to impaired re-epithelialization. Previously we demonstrated that FOXO1 was activated in wound healing but to higher levels in diabetic wounds. To address mechanisms of impaired re-epithelialization we examined MMP9 expression in vivo in full thickness dermal scalp wounds created in experimental K14.
Molecular Weight:	79.3 kDa. Due to glycosylation, the protein migrates to 95-105 kDa based on Tris-Bis PAGE result.
UniProt:	P14780
Pathways:	Cellular Response to Molecule of Bacterial Origin, Positive Regulation of Immune Effector Process, CXCR4-mediated Signaling Events
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/mL is recommended (usually we use 1 mg/mL solution for lyophilization). Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5 % trehalose is added as protectant before lyophilization.
Storage:	4 °C,-80 °C
Storage Comment:	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost

Expiry Date: 12 months

freezer and avoid repeated freeze-thaw cycles.

Biotinylated Human MMP-9, His Tag ELISA 0.05µg Anti-MMP-9 Antibody, hFc Tag Per Well

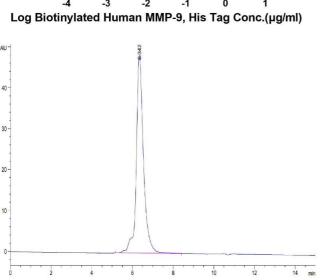


ELISA

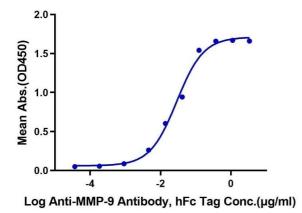
Image 1. Immobilized Anti-MMP-9 Antibody, hFc Tag at 0.5 μ g/mL (100 μ L/well) on the plate. Dose response curve for Biotinylated Human MMP-9, His Tag with the EC50 of 14.3 ng/mL determined by ELISA.

Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Biotinylated Human MMP-9 is greater than 95 % as determined by SEC-HPLC.







ELISA

Image 3. Immobilized Biotinylated Human MMP-9, His Tag at $0.5 \mu g/mL$ (100 $\mu L/Well$) on the plate. Dose response curve for Anti-MMP-9 Antibody, hFc Tag with the EC50 of 28.8 ng/mL determined by ELISA.

Please check the product details page for more images. Overall 4 images are available for ABIN7275271.

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