

RPCB0731

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## Product Information

<b>Product SKU:</b>	RPCB0731	<b>Gene ID:</b>	4318	<b>Size:</b>	100µg
<b>Tag:</b>	C-His&Avi	<b>Reactivity:</b>	Human		

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## Additional Information

<b>Expression Host:</b>	-	<b>Swissprot:</b>	P14780
<b>Purity:</b>	> 95% by SDS-PAGE ; > 95% by HPLC		

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## Protein Information

**Background:** Matrix metalloproteinase 9 (MMP9) contributes to this process and deficiencies in the MMP9 lead to impaired healing. Inappropriate expression 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.

**Protein Description:** High quality, high purity and low endotoxin recombinant Biotinylated Recombinant Human MMP-9 Protein , tested reactivity in HEK293 cells and has been validated in SDS-PAGE.100% guaranteed.

**Endotoxin:** < 1 EU/µg of the protein by LAL method

**Formulation:** Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.

**Storage:** Store at -20°C.Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.