

RPCB0125

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## Product Information

<b>Product SKU:</b>	RPCB0125	<b>Gene ID:</b>	928968	<b>Size:</b>	100µg
<b>Tag:</b>	C-His	<b>Reactivity:</b>	Monkeypox virus		

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## Additional Information

<b>Expression Host:</b>	-	<b>Swissprot:</b>	Q8V502
<b>Purity:</b>	> 95% by Tris-Bis PAGE and HPLC.		

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## Protein Information

**Background:** Monkeypox virus (MPXV) is double-stranded DNA virus belonging to the genus orthopoxvirus that causes a smallpox-like disease in humans. M1R is homologous to the vaccinia virus L1 protein, a transmembrane protein found on the surface of mature IMV particles. And M1R is the component of the entry fusion complex (EFC), which consists of 11 proteins. During cell infection, this complex mediates entry of the virion core into the host cytoplasm by a two-step mechanism consisting of lipid mixing of the viral and cellular membranes and subsequent pore formation.

**Protein Description:** High quality, high purity and low endotoxin recombinant Recombinant Monkeypox virus M1R Protein, tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.

**Endotoxin:** < 1.0 EU/µg of the protein by LAL method.

**Formulation:** Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

**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.

**Contact Details | Dublin, Ireland**

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