Recombinant Monkeypox Virus A35R protein protein (His tag)

Description

Product name	Recombinant Monkeypox Virus A35R protein protein (His tag)
Catalog#	ABT-9074
Known as	A35R
Expression system	HEK 293 cells
Tags	His tag C-terminus

Specifications

SDS-PAGE	13.6 kDa, reducing conditions
Purity	>95% SDS-PAGE
Form	Lyophilized powder

Stability and Storage

Storage	Store at -20 ~ -80℃, avoid repeated freeze/ thaw cycle
Stability	Store at –20℃ for 12 months, or reconstitute for 3 months.
Constituents	Lyophilized from 0.22 μm filtered solution in PBS, pH7.4.

General information

Function

Monkeypox is a zoonotic disease caused by monkeypox virus (MPXV), which is a member of orthopoxvirus genus. A35R gene is highly conserved among poxviruses and encodes a previously uncharacterized hydrophobic acidic protein. The A35R has little homology to any protein outside of poxviruses, suggesting a novel virulence Monkeypox is a zoonotic disease caused by monkeypox virus (MPXV), which is a member of orthopoxvirus genus. A35R gene is highly conserved among poxviruses and encodes a previously uncharacterized hydrophobic acidic protein. The A35R has little homology to any protein outside of poxviruses, suggesting a novel virulence mechanism.A35R could block some stage of antigen processing or presentation in infected cells or interfere with regulation of apoptosis. In

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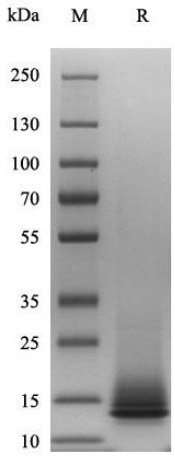
addition, the A35R function may be required for growth in certain cell types, e.g., macrophage, in vivo. It localizes to factories where viral DNA is located and it was shown to be a constitutive transcriptional activator in a large-scale yeast two-hybrid study.

Images



Monkeypox Virus A35R (His Tag) on SDS-PAGE under reducing condition(R). The gel was visualized by Coomassie® Blue Staining. The purity of the protein is greater than 95%.

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