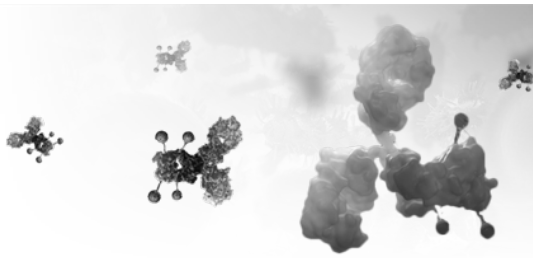

Recombinant MPXV A35R Protein [His] (DAG-WT995)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	A DNA sequence encoding the monkeypox Virus A35R protein (a.a. 57-181) was expressed with a polyhistidine tag at the C-terminus
Purity	> 95 % as determined by SDS-PAGE
Conjugate	His
Applications	ELISA, LFIA
Molecular Weight	14.6 kDa
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements
Size	1 mg
Buffer	PBS, pH 7.4
Preservative	None
Storage	Store at -20°C

BACKGROUND

Introduction	Monkeypox virus (MPV or MPXV) is a double-stranded DNA virus that causes monkeypox in humans and other animals. It belongs to the genus Orthopoxvirus in the family Poxviridae. It is one of the human orthopoxviruses that includes variola (VARV), cowpox (CPX), and vaccinia (VACV) viruses. It is not a direct ancestor to, nor a direct descendant of, the variola virus, which

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	causes smallpox. Monkeypox disease is similar to smallpox, but with a milder rash and lower mortality rate. Variation in virulence of the virus has been observed in isolates from Central Africa, where strains are more virulent than those from Western Africa. The two areas have distinct clades of the virus, termed Congo Basin (Central African) and West African clades.
Keywords	Monkeypox Virus; MPXV; A35R

GENE INFORMATION

UniProt ID	AUW64225.1

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