



Recombinant African Swine Fever Virus p54 Protein [His] (DAGC011)

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

PRODUCT INFORMATION

Product Overview	African Swine Fever Virus (ASFV) p54, Recombinant. Product contains a His tag.
Species	ASFV
Purity	≥ 80% Purity (SDS-PAGE). Affinity purified.
Conjugate	His
Applications	Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Molecular Weight	~25 kDa
Format	Liquid
Concentration	(Lot Specific) mg/mL (Bradford)
Size	1 mg
Buffer	Phosphate Buffered Saline, pH 7.4
Preservative	0.09% Sodium Azide
Storage	Store at -20°C. Aliquot to avoid multiple freeze/thaw cycles.

BACKGROUND

Introduction	African swine fever virus (ASFV) is a large, double-stranded DNA virus in the Asfarviridae family. It is the causative agent of African swine fever (ASF). The virus causes a haemorrhagic
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fever with high mortality rates in domestic pigs; some isolates can cause death of animals as quickly as a week after infection. It persistently infects its natural hosts, warthogs, bushpigs, and soft ticks of the genus *Ornithodoros*, which likely act as a vector, with no disease signs. It does not cause disease in humans. ASFV replicates in the cytoplasm of infected cells. It is the only known virus with a double-stranded DNA genome to be transmitted by arthropods.

Keywords

African Swine fever virus; ASFV; ASFV P54
