

Recombinant African swine fever virus P30 Protein

Catalog No.: RP01934LQ

Sequence Information

Species	Gene ID
African swine fever virus	P34204
Swiss Prot	Tags
P34204	NO-Tag
Synonyms	
p30	

Product Information

Source	Purification
<i>E. coli</i>	≥ 95 % as determined by SDS-PAGE.

Calculated MW	Observed MW
12.66 kDa	15-20 kDa

Endotoxin

Please contact us for more information.

Formulation

Supplied as 0.22 µm filtered solution in PBS, 300 mM NaCl, 10% glycerol, (pH 7.4).

Reconstitution

Background

ASFV structural protein p30 is a significant immunogen reported to induce neutralizing antibodies against it. The p30 interacts with heterologous nuclear ribonucleoprotein K (hnRNP K) in the host cell and could downregulate the host cell mRNA translation (Hernaiz et al., 2008). Moreover, p30 is an excellent diagnostic marker for ASFV, and anti-p30 antibodies can be detected as early as eight days post-infection (Gómez-Puertas et al., 1998). We and others previously showed the epitopic domains of the p30 protein, which could potentially generate the host immune response (Afonso et al., 1992; Imdhiyas et al., 2022; Petrovan et al., 2019).

Basic Information

Description

Recombinant Recombinant African swine fever virus P30 Protein is produced by *E. coli* expression system. The target protein is expressed with sequence (Ile86-Lys194) of African swine fever virus P30 (Accession #P34204) fused with no tag.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -70°C

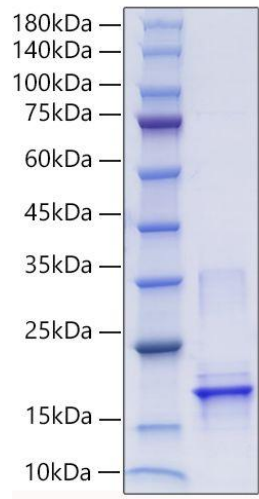
Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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		www.abclonal.com.cn

Validation Data



Recombinant African swine fever virus P30 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.