

Human CellExp™ African Swine Fever Virus p54 Protein 10/20

CATALOG NO:	P1605-10 10 µg P1605-20 20 µg
ALTERNATE NAMES:	Envelope protein p54; African swine fever virus p54 protein, E183L (p54)
MOL. WT.	15.78 kDa
NCBI GENE ID:	QED21738.1
PURITY:	≥ 90% by SDS-PAGE
PURIFICATION METHOD:	Ni-NTA affinity chromatography/Ion exchange chromatography
SOURCE:	Expi293F Human Cells
FORM:	Liquid
FORMULATION:	In 50 mM Tris base, 100 mM NaCl, pH 9.0
STORAGE CONDITIONS:	Divide into small aliquots and store at -80°C. Avoid repeated freeze-thaw cycles.

DESCRIPTION: p54 is the envelope protein of African swine fever virus (ASFV). The virus causes African Swine fever, an acute hemorrhagic fever in domestic pigs. The envelope protein p54 is encoded by the gene E183L. It interacts with the host light chain cytoplasmic dynein (LC8) which is critical for the intracellular microtubule-dependent virus transport. This product contains both the O-linked glycosylated and the non-glycosylated protein.

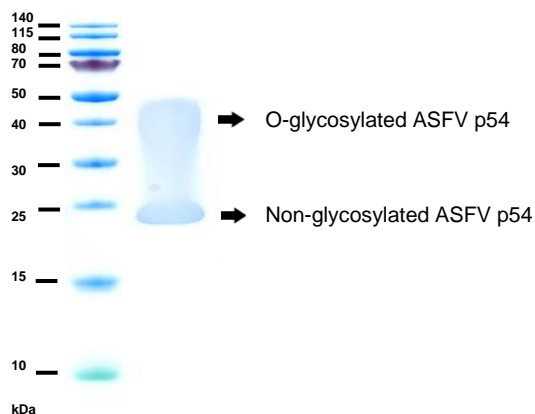


Fig A. ASFV p54 was loaded on SDS-PAGE. This product contains both the O-linked glycosylated protein (the upper smeared band) and the non-glycosylated protein.

RELATED PRODUCTS:

Recombinant SARS-CoV-2 Papain-like Protease (Cat. No. P1551)
 Recombinant Chikungunya Virus E1 (Cat. No. P1113)
 Recombinant SARS-CoV-2 Nucleoprotein (1-419, His-tag) (Cat. No. P1536)
 Recombinant West Nile Virus Envelope Protein (Cat. No. P1065)
 Recombinant Zika Envelope Protein (Cat. No. P1063)

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