p30 Protein, African swine fever virus

Cat. No.:	HY-P702061
Synonyms:	Phosphoprotein p30; p30; Phosphoprotein p32; p32
Species:	Virus
Source:	E. coli
Accession:	P34204 (D2-F204)
Gene ID:	22220322
Molecular Weight:	

PROPERTIES

Appearance	Solution.
Formulation	Supplied as a 0.22 μm filtered solution of 50 mM Tris-HCl, pH7.5, 200 mM NaCl, 20% glycerol.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	Please use rapid thawing with running water to thaw the protein.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	p30 protein, a key player in ASFV (African Swine Fever Virus) infection, exerts its influence on the subcellular distribution of heterogeneous nuclear ribonucleoprotein K (HNRNPK), potentially impacting HNRNPK's functions related to mRNA processing and export. This interaction underscores p30's role in orchestrating molecular events crucial for ASFV infection. Additionally, p30 is essential for the internalization of the virus, further emphasizing its significance in the viral life cycle. The protein forms oligomers and interacts with host HNRNPK, suggesting its involvement in intricate host-pathogen interactions during ASFV infection.

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