

**32-13846: ASFV P72****Description**

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Biological Activity: null

African swine fever virus (ASFV) causes African swine fever (ASF), a disease of swine characterized by high morbidity and mortality. ASFV is a large DNA virus which belongs to Asfarviridae family. ASFV's multilayered virion consists from up to 54 polypeptides while p72 is the major capsid component. Middle part of p72 protein contains most epitopes tested by monoclonal antibodies, while C-terminal peptide of P72 is used for the genotyping of ASFV isolates.

Recombinant African Swine Fever Virus P72 (40-315 aa) produced in E. coli having a Mw of 33kDa. The African Swine Fever Virus P72 is fused to a 6xHis tag and purified by proprietary chromatographic technique.

**Product Info**

**Amount :** 0.5 mg / 100 µg

**Purification :** Protein is >95% pure as determined by 10% PAGE (coomassie staining).

**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.