

# BioassayPlus Inc.

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## Product Specification Sheet

**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.

**Product name:** African swine fever virus structural protein, P30

**Catalog #:** ASF-P30

**Description:** African swine fever virus (ASFV) is the etiologic agent of African swine fever (ASF), a disease of swine characterized by high morbidity and mortality. ASFV is a large DNA virus and the only member of family *Asfarviridae*. Up to 54 polypeptides constitute its multilayered virion. p30 is one of the early viral proteins. The protein is encoded by the CP204L gene, has a relative molecular weight of 30 kDa, and is one of the most antigenic structural proteins involved in ASFV entry.

Recombinant P30 is full length protein, containing 194 amino acids. Amino acids from the residues 40 to 315 was expressed with 6 x His tag, migrated at 22 kDa.

**Source:** *E. coli*

**Format:** Purified, Liquid

**Purification:** >90% pure (10% SDS-PAGE, Coomassie stain), Proprietary chromatographic technique

**Concentration:** 2.5 mg/ml (lot: E01-15-2021)

**Buffer:** PBS, 25mM K<sub>2</sub>CO<sub>3</sub>

**Applications:** ELISA, Western blot

**Storage:** Upon receipt, store at -20°C. Avoid multiple freeze/thaw cycles



SDS-PAGE test on 5-12-2024