# Canine ALK-2 / ACVR1 (His Tag) recombinant protein

Catalog Number: 504816



## **General Information**

## **Protein Construction**

A DNA sequence encoding the canine ACVR1 (XP\_549615.2) (Met1-Glu123) was expressed with a C-terminal polyhistidine tag.

## **Organism**

Canine

## **Expression Host**

**Human Cells** 

# **QC Testing**

# **Purity**

> 95 % as determined by SDS-PAGE

#### **Endotoxin**

< 1.0 EU per  $\mu g$  of the protein as determined by the LAL method

#### **Stability**

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}$ C

### Predicted N terminal

Met 21

#### **Molecular Mass**

The recombinant canine ACVR1 comprises 114 amino acids and has a predicted molecular mass of 13 kDa. The apparent molecular mass of the

protein is approximately 19 kDa in SDS-PAGE under reducing conditions due to glycosylation.

#### **Formulation**

Lyophilized from sterile PBS, pH 7.4.

- 1. 5 % trehalose and mannitol are added as protectants before lyophilization.
- 2. Please contact us for any concerns or special requirements.

# **Usage Guide**

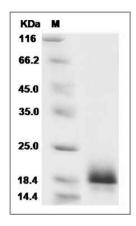
# **Storage**

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

#### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

#### **SDS-PAGE**



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