

# Cynomolgus ALK-2 / ACVR1 (Fc Tag) recombinant protein



Catalog Number: 500465

## General Information

### Protein Construction

A DNA sequence encoding the cynomolgus ACVR1 (F7A9J8) (Met1-Glu123) was expressed with the Fc region of human IgG1 at the C-terminus.

### Organism

Cynomolgus

### Expression Host

Human Cells

## QC Testing

### Purity

(75.3+22.3) % as determined by SDS-PAGE

### Endotoxin

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

### Stability

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

### Predicted N terminal

Asp 23

### Molecular Mass

The recombinant cynomolgus ACVR1 is a disulfide-linked homodimer. The reduced monomer comprises 342 amino acids and has a calculated molecular mass of 38.2 KDa. The

apparent molecular mass of the protein is approximately 44 and 37 KDa respectively in SDS-PAGE.

### 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

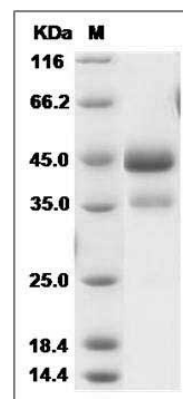
Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ .

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



Cynomolgus ALK-2 / ACVR1 / ALK2 Protein (Fc Tag) SDS-PAGE