

## General Information

### Gene Name Synonym

Activin Receptor Type-1B, Activin Receptor Type IB, ACTR-IB, Activin Receptor-Like Kinase 4, ALK-4, Serine/Threonine-Protein Kinase Receptor R2, SKR2, ACVR1B, ACVRLK4, ALK4

### Protein Construction

A DNA sequence encoding the Mouse Acvr1b/Alk4 Leu32-Glu126 is expressed with a Fc tag at the C-terminus.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### Purity

>95% as determined by SDS-PAGE.

### Endotoxin

<1.0 EU per µg protein as determined by the LAL method.

### Stability

Store for up to 12 months at -20°C to -80°C as lyophilized powder. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

## Formulation

Lyophilized from a 0.2 µm filtered solution of PBS,pH7.4.

## Usage Guide

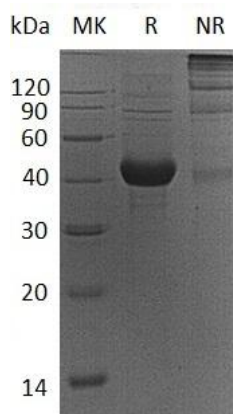
### Storage

Lyophilized protein should be stored at <-20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days.

### Reconstitution

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## SDS-PAGE



Mouse Acvr1b/Alk4 (Fc tag) recombinant protein