

Active Recombinant Human ALK-4/ACVR1B Protein

Catalog No.: RP00074 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	91	P36896-1

Tags

C-hFc & his

Synonyms

ACTRIB Protein; Human; ACVRLK4 Protein; Human; ALK4 Protein; Human; SKR2 Protein; Human

Product Information

Source	Purification
HEK293 cells	> 97% by SDS-PAGE.

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Background

Basic Information

Description

Active Recombinant Human ALK-4/ACVR1B Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Met 1-Glu 126) of human ACVR1B (Accession #NP_004293.1) fused with a C-hFc & his at the C-terminus.

Bio-Activity

Measured by its binding ability in a functional ELISA. Immobilized Human ACVR1B at 0.5 μg/mL (100 μL/well) can bind Human ACVR2B with a linear range of 2.0-286.1 ng/mL.

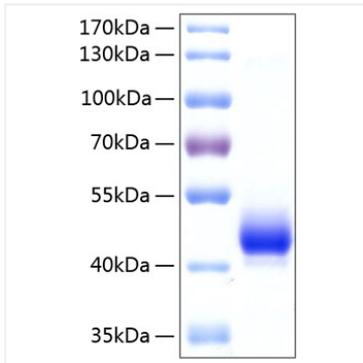
Storage

Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

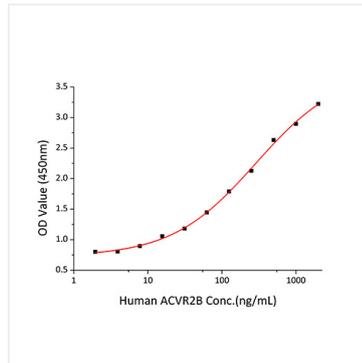
Contact

 | www.abclonal.com

Validation Data



Active Recombinant Human ALK-4/ACVR1B Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 46 kDa.



Immobilized Human ACVR1B at 0.5 μ g/mL (100 μ L/well) can bind Human ACVR2B with a linear range of 2.0-286.1 ng/mL.