

RP00893

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# Recombinant Human Activin receptor type-2B/ACVR2B Protein

Catalog No.: RP00893 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	93	Q13705

### Tags

C-Fc & 6×His

### Synonyms

ACVR2B;ACTRIIB;ActR-IIB;HTX4

## Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

### Endotoxin

< 1 EU/μg of the protein by LAL method.

### Formulation

Lyophilized from a 0.2 μm filtered solution of 20mM PB,150mM NaCl,pH7.4.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

Recombinant Human Activin receptor type-2B/ACVR2B Protein is produced by Human cells expression system. The target protein is expressed with sequence (Ser19-Thr134) of human Activin receptor type-2B/ACVR2B (Accession #Q13705) fused with an Fc, 6×His tag at the C-terminus.

#### Bio-Activity

Measured by its ability to inhibit Activin A-induced hemoglobin expression in K562 human chronic myelogenous leukemia cells. Approximately 0.3-1 μg/mL of Recombinant Human Activin receptor type-2B/ACVR2B Fc Chimera will inhibit 50% of the biological response due to 3 ng/mL of rhActivin A.

#### Storage

Store the lyophilized protein at -20°C to -80 °C for long term.<br>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.

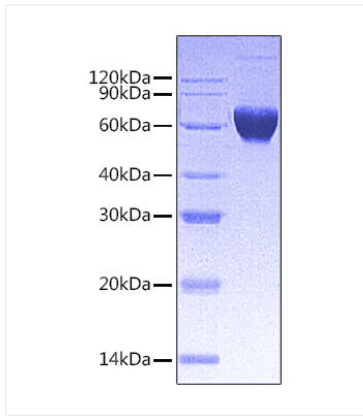
## Contact



[www.abclonal.com](http://www.abclonal.com)

## Validation Data

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Recombinant Human Activin receptor type-2B/ACVR2B Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.