

## Active Recombinant Mouse ACVR2B Protein, Fc-tagged

Cat. No. ACVR2B-011M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse ACVR2B Protein is produced by HEK293 Cells expression system. This protein is fused with a Fc tag at the C-terminus.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met 1-Thr 134
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	<ol style="list-style-type: none"> <li>1. Measured by its ability to bind biotinylated Human INHBA-his in functional ELISA.</li> <li>2. Measured by its ability to bind biotinylated mouse INHBA-his in functional ELISA.</li> <li>3. Measured by its ability to neutralize Activin-mediated inhibition on MPC11 cell proliferation. The ED50 for this effect is typically 10-50 ng/mL in the presence of 10 ng/mL recombinant Activin A.</li> </ol>
<b>Molecular Mass</b>	~ 41 kDa
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70 centigrade.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Storage</b>	Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 mg/ml. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
<b>Shipping</b>	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Acvr2b activin receptor IIB [ Mus musculus ]</a>
<b>Official Symbol</b>	<a href="#">ACVR2B</a>
<b>Synonyms</b>	ACVR2B; activin receptor IIB; activin receptor type-2B; ACTR-IIB; activin receptor type IIB; ActRIIB;
<b>Gene ID</b>	<a href="#">11481</a>
<b>mRNA Refseq</b>	<a href="#">NM_007397</a>
<b>Protein Refseq</b>	<a href="#">NP_031423</a>

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA