

Recombinant Cynomolgus ACVR2B, His tagged

Cat. No. ACVR2B-64C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus ACVR2B (Ser28-Thr143), fused with a polyhistidine tag at the C-terminus, was produced in Human Cells.
Species	Cynomolgus
Source	Human Cells
ProteinLength	28-143 a.a.
Predicted N Terminal	Ser 28
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant cynomolgus ACVR2B comprises 127 amino acids and has a calculated molecular mass of 14.8 KDa. The apparent molecular mass of it is approximately 33-36 KDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name ACVR2B activin A receptor, type IIB [*Macaca fascicularis* (crab-eating macaque)]

Official Symbol ACVR2B

Gene ID 102118668

mRNA Refseq XM_005546675.

Protein Refseq XP_005546732

**Chromosome
Location** 2

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