

Datasheet for ABIN7607557

ACVR2B Protein (AA 19-134) (His-Fc tag)



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Overview

Quantity:	50 µg
Target:	ACVR2B
Protein Characteristics:	AA 19-134
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This ACVR2B protein is labelled with His-Fc tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), ELISA, Immunogen (Imm), Activity Assay (AcA)

Product Details

Purpose:	Recombinant Human ACVR2B/ACTR-IIB Protein, C-hFc-His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured by its ability to inhibit Activin A induced hemoglobin expression in human chronic myelogenous leukemia cells (K562). Approximately 0.3-1 µg/mL of rhACVR2B/ACTR-IIB (Cat #: AHG63701) will inhibit 50% of the biological response due to 3 ng/mL of rhActivin A.

Target Details

Target:	ACVR2B
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Target Details

Alternative Name:	ACTR-IIB (ACVR2B Products)
Background:	ACTR-IIB, Activin receptor type IIB, Activin receptor type-2B, ACVR2B
UniProt:	Q13705
Pathways:	Hormone Transport , Cancer Immune Checkpoints

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
Expiry Date:	12 months