

Datasheet for ABIN7607524

ACVR1 Protein (AA 23-124) (His-Fc tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	ACVR1 (ACRV1)
Protein Characteristics:	AA 23-124
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This ACVR1 protein is labelled with His-Fc tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), Immunogen (Imm), ELISA, Activity Assay (AcA)

Product Details

Purpose:	Recombinant Human ACVR1/ALK-2 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 binding ability in a functional ELISA. When recombinant human BMP-6 is used at 0.25 µg/mL, the concentration of recombinant human ACVR1/ALK-2 (Cat #: AHG02801) that produces 50% of the optimal binding response is found to be approximately 1-5µg/mL.

Target Details

Target:	ACVR1 (ACRV1)
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Target Details

Alternative Name:	SKR1 (ACRV1 Products)
Background:	SKR1, Activin receptor type-1, Activin receptor-like kinase 2, TSR-I, ACVRLK2, ACTR-I, ALK-2, Serine/threonine-protein kinase receptor R1, TGF-B superfamily receptor type I, ACVR1, Activin receptor type I
UniProt:	Q04771

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