

Datasheet for ABIN7607435

Activin A Receptor Type IB/ALK-4 Protein (AA 32-126) (His-Fc tag)



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Overview

Quantity:	50 µg
Target:	Activin A Receptor Type IB/ALK-4 (ACVR1B)
Protein Characteristics:	AA 32-126
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This Activin A Receptor Type IB/ALK-4 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 ACVR1B 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. Immobilized rhACVR1B (Cat #: AHE19301) at 2 µg/mL (100 µL/well) can bind rhCrypto with a linear range of 0.8-100 ng/mL.

Target Details

Target:	Activin A Receptor Type IB/ALK-4 (ACVR1B)
Alternative Name:	Activin receptor-like kinase 4 (ACVR1B Products)

Target Details

Background:	Activin receptor-like kinase 4, SKR2, ACVRLK4, ACVR1B, ALK-4, Activin receptor type IB, Activin receptor type-1B, Serine/threonine-protein kinase receptor R2, ACTR-IB, ALK4
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UniProt:	P36896
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Application Details

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

Format:	Lyophilized
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Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
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Storage:	4 °C, -20 °C, -80 °C
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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.
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Expiry Date:	12 months
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