

Datasheet for ABIN6952288

ACVR1C/ALK7 Protein (AA 21-113) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	ACVR1C/ALK7 (ACVR1C)
Protein Characteristics:	AA 21-113
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ACVR1C/ALK7 protein is labelled with His tag.

Product Details

Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	ACVR1C/ALK7 (ACVR1C)
Alternative Name:	ALK-7 (ACVR1C Products)
Background:	ALK-7 (Activin receptor-like kinase 7) is also known as Activin receptor type-1C, ACTR-1C, ACVR1C. Serine/threonine protein kinase which forms a receptor complex on ligand binding. The receptor complex consisting of 2 type II and 2 type I transmembrane serine/threonine kinases. Type II receptors phosphorylate and activate type I receptors which autophosphorylate, then bind and activate SMAD transcriptional regulators, SMAD2 and SMAD3. Receptor for activin AB, activin B and NODAL. Plays a role in cell differentiation, growth

Target Details

	arrest and apoptosis.
Molecular Weight:	11.9 kDa
NCBI Accession:	NP_660302
Pathways:	Negative Regulation of Hormone Secretion, Positive Regulation of Endopeptidase Activity

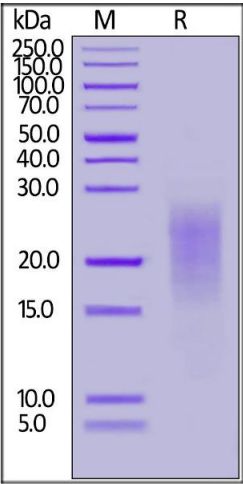
Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	20 mM Tris, 150 mM NaCl, pH 7.5
Storage:	-20 °C

Images



SDS-PAGE

Image 1. Human ALK-7, His Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90 % .