

Datasheet for ABIN7491397

ACVRL1 Protein (AA 22-118) (Fc Tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	ACVRL1
Protein Characteristics:	AA 22-118
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ACVRL1 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human ACVRL1 Protein with C-terminal human Fc tag
Specificity:	ACVRL1 (Asp22-Gln118) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	ACVRL1
Alternative Name:	ACVRL1 (ACVRL1 Products)
Background:	This gene encodes a type I cell-surface receptor for the TGF-beta superfamily of ligands. It

Target Details

shares with other type I receptors a high degree of similarity in serine-threonine kinase subdomains, a glycine- and serine-rich region (called the GS domain) preceding the kinase domain, and a short C-terminal tail. The encoded protein, sometimes termed ALK1, shares similar domain structures with other closely related ALK or activin receptor-like kinase proteins that form a subfamily of receptor serine/threonine kinases. Mutations in this gene are associated with hemorrhagic telangiectasia type 2, also known as Rendu-Osler-Weber syndrome 2. [provided by RefSeq, Jul 2008]

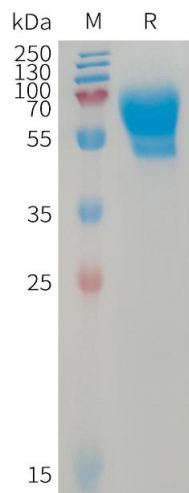
Molecular Weight:	predicted molecular mass of 36.8 kDa after removal of the signal peptide. The apparent molecular mass of ACVRL1-hFc is 35-70 kDa due to glycosylation.
UniProt:	P37023

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months



SDS-PAGE

Image 1. Human AC Protein, hFc Tag on SDS-PAGE under reducing condition.