

Product Information

MemDX™ Membrane Protein Human ACVRL1 (Activin A receptor like type 1) expressed in insect for Antibody Discovery

Cat. No.: **MP0159Q**

This product is for research use only and is not intended for diagnostic use.

This product is a 11.5 kDa Human ACVRL1 membrane protein expressed in Insect. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

ACVRL1

Protein Length

Partial

Protein Class

Druggable Genome, Protein Kinase, Transmembrane

Molecular Weight

11.5 kDa

TMD

1

Sequence

MTLGSPRKGLLMLLMALVTQGDPVKPSRGPLVTCTCESPHCKGPTCRGAWCTVVLVREEGRHPQEHRGCGNLHRELGRPTEN

Product Description

Expression Systems

Insect

Tag

His

Form

Powder

Endotoxin

< 1.0 EU per 1 microgram of protein

Purity

>95% by SDS - PAGE

Buffer

10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

ACVRL1

Full Name

Activin A receptor like type 1

Introduction

This gene encodes a type I cell-surface receptor for the TGF-beta superfamily of ligands. It 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.

Alternative Names

ACVRLK1; ALK-1; ALK1; HHT; HHT2; ORW2; SKR3; TSR-I; serine/threonine-protein kinase receptor R3; TGF-B superfamily receptor type I; activin A receptor type II-like 1; activin A receptor type IL; activin A receptor, type II-like kinase 1

Gene ID

[94](#)

UniProt ID

[P37023](#)