SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com
www.creative-biolabs.com

Product Information

MemDX™ Membrane Protein Human ACVRL1 (Activin A receptor like type 1) Expressed *in vitro E.coli* expression system, Full Length of Mature Protein

Cat. No.: **MPX3930K**
This product is for research use only and is not intended for diagnostic use.

This product is a Human ACVRL1 membrane protein expressed *in vitro E.coli* expression system. 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
Full Length of Mature Protein

Protein Class
Transferase

TMD
1

Sequence
DPVKPSRGPLVTCTCESPHCKGPTCRGAWCTVVLVREEGRHPQEHRGCGNLHRELCRGRPTEFVNHYCCDSHLCNHNVSLVLEA

Product Description

Expression Systems
in vitro E.coli expression system

Tag
10xHis tag at the N-terminus

Protein Format
Soluble

Form
Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

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

ACVRL1; HHT; ALK1; HHT2; ORW2; SKR3; ALK-1; TSR-I; ACVRLK1; 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; Activin A receptor like type 1

Gene ID

94

UniProt ID

P37023

SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com