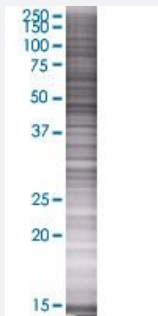


ACVR1C 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00130399-T01

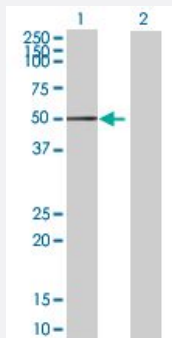
Size 100 uL

Applications



SDS-PAGE Gel

ACVR1C transfected lysate.



Western Blot

Lane 1: ACVR1C transfected lysate (54.34 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-ACVR1C full-length

Host Human

Theoretical MW (kDa) 54.34

Quality Control Testing Transient overexpression cell lysate was tested with Anti-ACVR1C antibody ([H00130399-B01](#)) by Western Blots.
 SDS-PAGE Gel
 ACVR1C transfected lysate.
 Western Blot
 Lane 1: ACVR1C transfected lysate (54.34 KDa)
 Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — ACVR1C

Entrez GeneID[130399](#)**GeneBank Accession#**[NM_145259.1](#)**Protein Accession#**[NP_660302.1](#)**Gene Name**

ACVR1C

Gene Alias

ACVRLK7, ALK7

Gene Description

activin A receptor, type IC

Omim ID[608981](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

ACVR1C is a type I receptor for the TGFB (see MIM 190180) family of signaling molecules. Upon ligand binding, type I receptors phosphorylate cytoplasmic SMAD transcription factors, which then translocate to the nucleus and interact directly with DNA or in complex with other transcription factors (Bondestam et al., 2001 [PubMed 12063393]).[supplied by OMIM]

Other Designations

activin receptor-like kinase 7

Pathway

- [Adherens junction](#)
- [Chronic myeloid leukemia](#)
- [Colorectal cancer](#)
- [Cytokine-cytokine receptor interaction](#)

- [Endocytosis](#)
- [MAPK signaling pathway](#)
- [Pancreatic cancer](#)
- [Pathways in cancer](#)
- [TGF-beta signaling pathway](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)