10320 Camino Santa Fe, Suite G
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ACVRL1 Blocking Peptide (N-term)

Synthetic peptide
Catalog # BP20564a

Specification

ACVRL1 Blocking Peptide (N-term) - Product Information

Primary Accession P37023

ACVRL1 Blocking Peptide (N-term) - Additional Information

Gene ID 94

Other Names
Serine/threonine-protein kinase receptor R3, SKR3, Activin receptor-like kinase 1, ALK-1, TGF-B superfamily receptor type I, TSR-I, ACVRL1, ACVRLK1, ALK1

Target/Specificity
The synthetic peptide sequence is selected from aa 21-34 of HUMAN ACVRL1

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ACVRL1 Blocking Peptide (N-term) - Protein Information

Name ACVRL1

Synonyms ACVRLK1, ALK1

Function
Type I receptor for TGF-beta family ligands BMP9/GDF2 and BMP10 and important regulator of normal blood vessel development. On ligand binding, forms a receptor complex consisting of two type II and two type I transmembrane serine/threonine kinases. Type II receptors phosphorylate and activate type I receptors which autophosphorylate, then bind and activate SMAD transcriptional regulators. May bind activin as well.

Cellular Location
Cell membrane; Single-pass type I membrane protein

ACVRL1 Blocking Peptide (N-term) - Protocols

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Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

ACVRL1 Blocking Peptide (N-term) - Images

ACVRL1 Blocking Peptide (N-term) - Background

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ACVRL1 Blocking Peptide (N-term) - References

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