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Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

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See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

ACVR1 (Human) Recombinant Protein

Catalog Number: P8379

Regulation Status: For research use only (RUO)

Product Description: Human ACVR1 (Q04771) recombinant protein with His-tag at C-terminal expressed in *Baculovirus*.

Amount: > 90% by SDS-PAGE

Sequence:
MEDEKPKVNPKLYMCVCEGLSCGNEDHCEGQQCFSS
LSINDGFHVYQKGCFQVYEQGKMTCKTPPSPGQAVE
CCQGDWCNRNITAQLPTKGKSFPGTQNFHLELEPKSC
DKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPE
VTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREE
QYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAP
IEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLV
KGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFL
YSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLS
LSPGKHHHHHH.

Host: Viruses

Theoretical MW (kDa): 38.4

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Form: Liquid

Preparation Method: *Baculovirus* expression system

Storage Buffer: Phosphate Buffered Saline (pH 7.4) and 10% glycerol

Storage Instruction: Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).
Avoid multiple freeze-thaw cycles.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 90

Gene Symbol: ACVR1

Gene Alias: ACTRI, ACVR1A, ACVRLK2, ALK2, FOP, SKR1, TSRI

Gene Summary: Activins are dimeric growth and differentiation factors which belong to the transforming growth factor-beta (TGF-beta) superfamily of structurally related signaling proteins. Activins signal through a heteromeric complex of receptor serine kinases which include at least two type I (I and IB) and two type II (II and IIB) receptors. These receptors are all transmembrane proteins, composed of a ligand-binding extracellular domain with cysteine-rich region, a transmembrane domain, and a cytoplasmic domain with predicted serine/threonine specificity. Type I receptors are essential for signaling; and type II receptors are required for binding ligands and for expression of type I receptors. Type I and II receptors form a stable complex after ligand binding, resulting in phosphorylation of type I receptors by type II receptors. This gene encodes activin A type I receptor which signals a particular transcriptional response in concert with activin type II receptors. Mutations in this gene are associated with fibrodysplasia ossificans progressive. [provided by RefSeq]