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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

ACVR1C (Human) Recombinant Protein (P01)

Catalog Number: H00130399-P01

Regulation Status: For research use only (RUO)

Product Description: Human ACVR1C full-length ORF (AAH22530.1, 1 a.a. - 493 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MTRALCSALRQALLLLAAAELSPGLKCVCLLCDSSNF
TCQTEGACWASVMLTNGKEQVIKSCVSLPELNAQVFC
HSSNNVTKTECCFTDFCENNITLHLPTASPNAPKLGPMEL
LAIIITVPVCLLSIAAMLTWACQGRQCSYRKKKRPNVE
EPLSECNLVNAGKTLKDLIYDVTASGSGSGLPLLQRTI
ARTIVLQEIVGKGRFGEVWHGRWCGEDVAVKIFSSRD
ERYWFREAEIYQTVMLRHENILGFIAADNKDNGTWTQ
LWLVSEYHEQGSLYDYLNRNIVTMAGMIKLALSISGL
AHLHMEIVGTQGKPAIAHRDIKSKNILVKKCETCAIADL
GLAVKHDSILNTIDIPQNPVGTKRYMAPEMLDDTMNV
NIFESFKRADIYSVGLVYWEIARRCSVGGIVEEYQLPYY
DMVPSDPSIEEMRKVVCQKFRPSIPNQWQSCEALRV
MGRIMRECWYANGAARLTALRIKKTISQLCVKEDCKA

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 79.97

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

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

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

Entrez GeneID: 130399

Gene Symbol: ACVR1C

Gene Alias: ACVRLK7, ALK7

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]