

Recombinant Full Length Human Serine/Threonine-Protein Kinase Receptor R3(Acvrl1) Protein, His-Tagged

Cat. No. RFL-27120HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Serine/threonine-protein kinase receptor R3(ACVRL1) Protein (P37023) (22-503aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length of Mature Protein (22-503)
Form	Lyophilized powder
AA Sequence	DPVKPSRGPLVTCTCESPHCKGPTCRGAWCTVVLVREEGRHPQEHRCGNLHRE LCRGRPTEFVNHYCCDSHLCNHNVSLEATQPPSEQPGTDGQLALILGPVLALLAL VALGVLGLWHVRRRQEKQRGLHSELGESSLILKASEQGDSMLGDLLSDCTTGSGS GLPFLVQRTVARQVALVECVGKGGRYGEVWRGLWHGESVAVKIFSSRDEQSWFRET EIYNTVLLRHDNILGFIASDMTSRNSSTQLWLITHYHEHGSLYDFLQRQTLEPHLALRL AVSAACGLAHLHVEIFGTQGKPAIAHRDFKSRNVLVKSNLQCCIADLGLAVMHSQGS DYLDIGNNPRVGTKRYMAPEVLDEQIRTD CFESYKWTDIWAFLVLWEIARRTIVNGI VEDYRPPFYDVVPNDPSFEDMKKVVCVDQQTPTIPNRLAADPVLSGLAQMMRECW YPNPSARLTALRIKKTLQKISNSPEKPKVIQ
Purity	Greater than 90% as determined by SDS-PAGE.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	ACVRL1
Synonyms	ACVRL1; ACVRLK1; ALK1; Serine/threonine-protein kinase receptor R3; SKR3; Activin receptor-like kinase 1; ALK-1; TGF-B superfamily receptor type I; TSR-I
UniProt ID	P37023

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