

32-18174: Recombinant Human ACVR1C Protein, hFc Tag

Uniprot ID : Q8NER5
Alternative Name : ACVRLK7; ALK7

Description

Molecular Characterization: ACVR1C(Leu22-Glu113) hFc(Glu99-Ala330)

Molecular weight: The protein has a predicted molecular mass of 36.0 kDa after removal of the signal peptide. The apparent molecular mass of ACVR1C-hFc is approximately 35-70 kDa due to glycosylation.

Description: Recombinant Human ACVR1C Protein with C-terminal human Fc tag

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, Mar 2008]

Product Info

Amount : 100 µg / 50 µg

Content : Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

Storage condition : Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.