

## HUMAN ACVR1C PROTEIN, HFC TAG

货号: 11892

产品全名: 人 ACVR1C 蛋白

规格: 10/50/100 µg

基因符号 ACVRLK7;ALK7

目标蛋白: ACVR1C

**UNIPROT ID:** Q8NER5

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

**背景:** 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]

**物种/宿主:** HEK293

**分子量:** 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.

**分子特征:** ACVR1C(Leu22-Glu113) hFc(Glu99-Ala330)

**纯化:** The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

**Formulation & Reconstitution:** Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

**储存和运输:** 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.

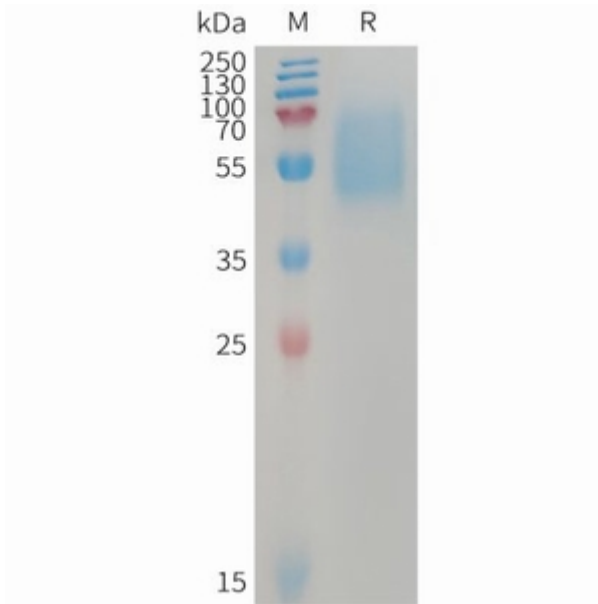


Figure 1. Human ACVRIC Protein, hFc Tag on SDS-PAGE under reducing condition.