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32-18582: Human ACVR1B Protein, hFc Tag

Gene : ACVR1B
Uniprot ID : P36896
Alternative Name : ALK4; SKR2; ACTRIB; ACVRLK4,Recombinant human ACVR1B Protein with C-terminal human Fc tag

Description

This gene encodes an activin A type IB receptor. 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 and two type II receptors. This protein is a type I receptor which is essential for signaling. Mutations in this gene are associated with pituitary tumors. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Jun 2010]
Molecular Weight : The protein has a predicted molecular mass of 37.6 kDa after removal of the signal peptide. The apparent molecular mass of ACVR1B-hFc is approximately 35-55 kDa due to glycosylation.
Tag :C-Human Fc tag

Product Info

Amount :	50μg / 10μg
Purification :	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
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.

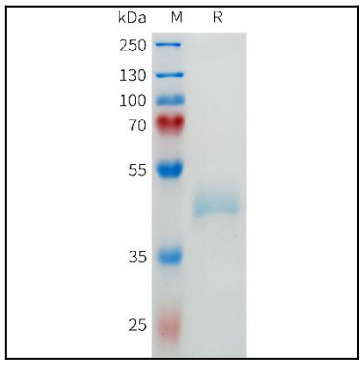

Figure 1. Human ACVR1B Protein, hFc Tag on SDS-PAGE under reducing condition.