

HUMAN TGFBR1 PROTEIN, N-HFC TAG

货号: 11221

产品全名: 人 TGFBR1 蛋白

规格: 10/50/100 µg

基因符号 AAT5;ACVRLK4;ALK-5;ALK5;ESS1;LDS1;LDS1A;LDS2A;MSSE;SKR4;tbetaR-1;TBR-1;TBRI;TGFR-1

目标蛋白: TGFBR1

UNIPROT ID: P36897

描述: Recombinant human TGFBR1 Protein with N-terminal Human Fc tag

背景: The protein encoded by this gene forms a heteromeric complex with type II TGF-beta receptors when bound to TGF-beta, transducing the TGF-beta signal from the cell surface to the cytoplasm. The encoded protein is a serine/threonine protein kinase. Mutations in this gene have been associated with Loews-Dietz aortic aneurysm syndrome (LDAS). Multiple transcript variants encoding different isoforms have been found for this gene.

物种/宿主: HEK293

分子量: The protein has a predicted molecular mass of 36.3 kDa after removal of the signal peptide. The apparent molecular mass of hFc-TGFBR1 is approximately 40-53 kDa due to glycosylation.

分子特征: hFc(Glu99-Ala330) TGFBR1(Leu34-Leu126)

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.

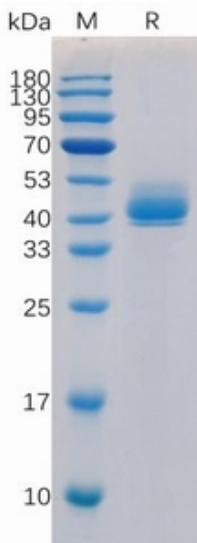


Figure 1. Human TGFBR1 Protein, N-hFc Tag on SDS-PAGE under reducing condition.