

HUMAN TGFBR2 PROTEIN, HFC TAG

货号: 11719

产品全名: 人 TGFBR2 蛋白

规格: 10/50/100 µg

基因符号 AAT3;FAA3;LDS1B;LDS2;LDS2B;MFS2;RIIC;TAAD2;TBR-ii;TBR11;TGFbeta-R11;TGFR-2

目标蛋白: TGFBR2

UNIPROT ID: P37173

描述: Recombinant human TGFBR2 protein with C-terminal human Fc tag

背景: The protein encoded by this gene is a transmembrane protein that has a protein kinase domain, forms a heterodimeric complex with TGF-beta receptor type-1, and binds TGF-beta. This receptor/ligand complex phosphorylates proteins, which then enter the nucleus and regulate the transcription of genes related to cell proliferation, cell cycle arrest, wound healing, immunosuppression, and tumorigenesis. Mutations in this gene have been associated with Marfan Syndrome, Loeys-Deitz Aortic Aneurysm Syndrome, and the development of various types of tumors. Alternatively spliced transcript variants encoding different isoforms have been characterized. [provided by RefSeq, Aug 2017]

物种/宿主: HEK293

分子量: The protein has a predicted molecular mass of 41.6 kDa after removal of the signal peptide. The apparent molecular mass of TGFBR2-hFc is approximately 55-70 kDa due to glycosylation.

分子特征: TGFBR2(Thr23-Asp159) 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.

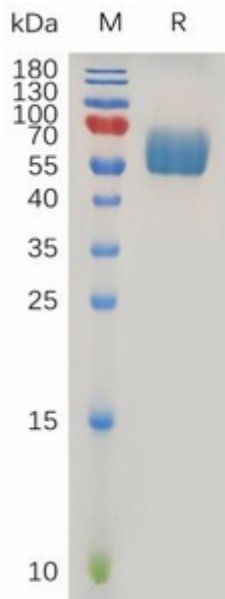


Figure 1. Human TGFBR2 Protein, hFc Tag on SDS-PAGE under reducing condition.