

HUMAN TGFA PROTEIN, HFC TAG

货号: 11737

产品全名: 人 TGFA 蛋白

规格: 10/50/100 µg

基因符号 TGF- α ;ETGF;TGF type 1

目标蛋白: TGFA

UNIPROT ID: P01135

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

背景: This gene encodes a growth factor that is a ligand for the epidermal growth factor receptor, which activates a signaling pathway for cell proliferation, differentiation and development. This protein may act as either a transmembrane-bound ligand or a soluble ligand. This gene has been associated with many types of cancers, and it may also be involved in some cases of cleft lip/palate. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011]

物种/宿主: HEK293

分子量: The protein has a predicted molecular mass of 34.1 kDa after removal of the signal peptide. The apparent molecular mass of TGFA-hFc is approximately 35-55 kDa due to glycosylation.

分子特征: TGFA(Glu24-Gln98) 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.

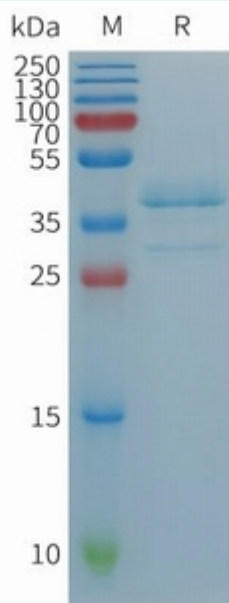


Figure 1. Human TGFA Protein, hFc Tag on SDS-PAGE under reducing condition.