

## 32-17930: Recombinant Human TGFBR1 Protein, hFc Tag

**Uniprot ID :** P36897

**Alternative Name :** AAT5, ACVRLK4, ALK-5, ALK5, ESS1, LDS1, LDS1A, LDS2A, MSSE, SKR4, tbetaR-I, TBR-i, TBRI, TGFR-1

### Description

Molecular Characterization: TGFBR1(Leu34-Leu126) hFc(Glu99-Ala330)

Molecular weight: The protein has a predicted molecular mass of 36.3 kDa after removal of the signal peptide. The apparent molecular mass of TGFBR1-hFc is approximately 35-40 kDa due to glycosylation.

Description: Recombinant human TGFBR1 protein with C-terminal Human Fc tag

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 Loey's-Dietz aortic aneurysm syndrome (LDAS). Multiple transcript variants encoding different isoforms have been found for this gene.

### Product Info

**Amount :** 100 µg / 50 µg

**Content :** Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

**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.