

## 32-17370: Recombinant human TGFBR2 protein with C-terminal human Fc tag

**Alternative Name :** AAT3; FAA3; LDS1B; LDS2; LDS2B; MFS2; RIIC; TAAD2; TBR-ii; TBRII; TGFbeta-RII; TGFR-2

### Description

Expression Host : HEK293

The protein has a predicted molecular mass of 41.36 kDa after removal of the signal peptide.

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.

### Product Info

<b>Amount :</b>	50 µg
<b>Purification :</b>	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
<b>Content :</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
<b>Storage condition :</b>	Store at -80°C for 12 months (Avoid repeated freezing and thawing)