

Datasheet for ABIN6964330
TGFBR2 Protein (AA 23-159) (Fc Tag)



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1 Image

Overview

Quantity:	100 µg
Target:	TGFBR2
Protein Characteristics:	AA 23-159
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TGFBR2 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant human TGFBR2 protein with C-terminal human Fc tag
Specificity:	TGFBR2 (Thr23-Asp159) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	TGFBR2
Alternative Name:	TGFBR2 (TGFBR2 Products)
Background:	The protein encoded by this gene is a transmembrane protein that has a protein kinase domain,

Target Details

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]

Molecular Weight: predicted molecular mass of 41.6 kDa after removal of the signal peptide. The apparent molecular mass of TGFBR2-hFc is 55-70 kDa due to glycosylation.

UniProt: [P37173](#)

Application Details

Restrictions: For Research Use only

Handling

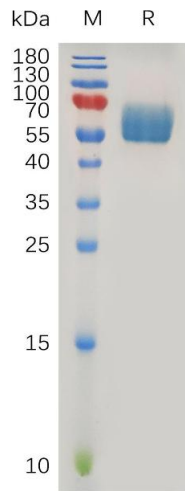
Format: Lyophilized

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

Storage: -20 °C,-80 °C

Storage Comment: 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.

Expiry Date: 12 months



SDS-PAGE

Image 1. Human TG Protein, hFc Tag on SDS-PAGE under reducing condition.