Datasheet for ABIN7491079

TGFBR1 Protein (AA 34-126) (Fc Tag)

1 Image

Go to Product page

Overview

Quantity:	100 µg
Target:	TGFBR1
Protein Characteristics:	AA 34-126
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TGFBR1 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant human TGFBR1 protein with C-terminal Human Fc tag
Specificity:	TGFBR1 (Leu34-Leu126) 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:	TGFBR1
Alternative Name:	TGFBR1 (TGFBR1 Products)
Background:	The protein encoded by this gene forms a heteromeric complex with type II TGF-beta receptors

Target Details

	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 Loeys-Dietz aortic aneurysm syndrome (LDAS). Multiple transcript variants encoding different isoforms have been found for this gene.
Molecular Weight:	predicted molecular mass of 36.3 kDa after removal of the signal peptide.The apparent molecular mass of TGFBR1-hFc is 35-40 kDa due to glycosylation.
UniProt:	P36897
Pathways:	Growth Factor Binding

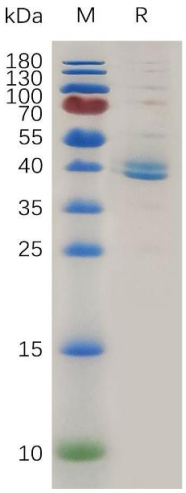
Application Details

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

Images



SDS-PAGE

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