

Datasheet for ABIN7275721

**TGFBR1 Protein (AA 34-125) (mFc-Avi Tag,Biotin)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	TGFBR1
Protein Characteristics:	AA 34-125
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TGFBR1 protein is labelled with mFc-Avi Tag,Biotin.

## Product Details

Purpose:	Biotinylated Human TGFBR1 Protein
Sequence:	Leu34-Glu125
Characteristics:	Recombinant Biotinylated Human TGFBR1 Protein is expressed from HEK293 with mFc (IgG1) tag and Avi tag at the C-Terminus.It contains Leu34-Glu125.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

## Target Details

Target:	TGFBR1
Alternative Name:	TGFBR1 ( <a href="#">TGFBR1 Products</a> )

## Target Details

Background:	Transforming growth factor beta receptor 1 (TGFB $\beta$ 1), a key stimulator of tumor proliferation and metastasis, was a direct target of miR-98-5p. miR-98-5p overexpression resulted in the downregulation of TGFB $\beta$ 1 and the suppression of the viability, proliferation, migration and invasion of A549 and H1299 cells.
Molecular Weight:	38.2 kDa. Due to glycosylation, the protein migrates to 50-55 kDa based on Tris-Bis PAGE result.
Pathways:	<a href="#">Growth Factor Binding</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 $\mu$ g/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22 $\mu$ m filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 $^{\circ}$ C,-80 $^{\circ}$ C
Storage Comment:	-20 to -80 $^{\circ}$ C for 12 months as supplied from date of receipt., -80 $^{\circ}$ C for 3-6 months after reconstitution., 2-8 $^{\circ}$ C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



SDS-PAGE

**Image 1.** Biotinylated Human TGFBR1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .