

Datasheet for ABIN6973279

TGFBR2 Protein (AA 24-184) (His tag,AVI tag,Biotin)



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2 Images

Overview

Quantity:	200 µg
Target:	TGFBR2
Protein Characteristics:	AA 24-184
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This TGFBR2 protein is labelled with His tag,AVI tag,Biotin.

Product Details

Sequence:	AA 24-184
Specificity:	Biotinylation of this product is performed using Avitag™ technology. Briefly, the single lysine residue in the Avitag is enzymatically labeled with biotin.
Characteristics:	Biotinylated Human TGF-beta RII / TGFBR2 Protein, His,Avitag™
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	TGFBR2
Alternative Name:	TGF-beta RII (TGFBR2 Products)

Target Details

Molecular Weight: 21.7 kDa

Application Details

Comment: Ready-to-use Avitag™ biotinylated protein:
The product is exclusively produced using the Avitag™ technology. Briefly, a unique 15 amino acid peptide, the Avi tag, is introduced into the recombinant protein during expression vector construction. The single lysine residue in the Avi tag is enzymatically biotinylated by the E. Coli biotin ligase BirA.

This single-point enzymatic labeling technique brings many advantages for commonly used binding assays. The biotinylation happens on the lysine residue of Avi tag, and therefore does NOT interfere with the target protein's natural binding activities. In addition, when immobilized on an avidin-coated surface, the protein orientation is uniform because the position of the Avi tag in the protein is precisely controlled.

Restrictions: For Research Use only

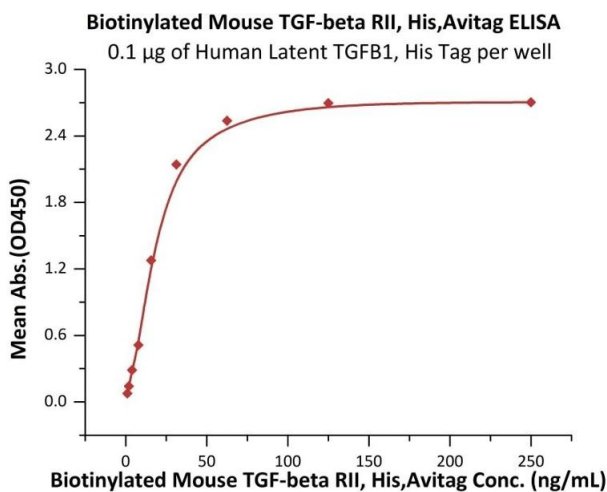
Handling

Format: Lyophilized

Buffer: PBS, pH 7.4

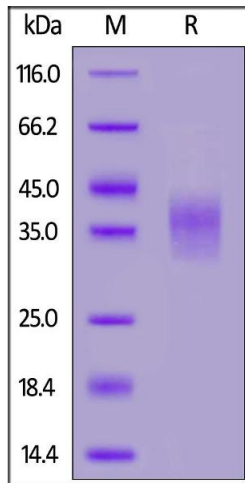
Storage: -20 °C

Images



ELISA

Image 1. Immobilized Human Latent TGFB1, His Tag (ABIN4949126,ABIN4949127) at 1 µg/mL (100 µL/well) can bind Biotinylated Mouse RII, His,Avitag (ABIN6973279) with a linear range of 1-31 ng/mL (QC tested).



SDS-PAGE

Image 2. Biotinylated Mouse RII, His,Avitag™ on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90 % .