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Datasheet for ABIN6964329 TGFB3 Protein (Fc Tag)

Overview

Quantity:	100 µg
Target:	TGFB3
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TGFB3 protein is labelled with Fc Tag.

Product Details

Sequence:	TGFB3 (Leu24-Arg300)+hFc (Glu99-Ala330)
Characteristics:	Tagged Protein: C-Human Fc tag
Purification:	affinity purification

Target Details

Target:	TGFB3
Alternative Name:	TGFB3 (TGFB3 Products)
Background:	<p>Synonymes: ARVD, ARVD1, LDS5, RNHF, TGF-beta3</p> <p>Description: This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate a latency-associated peptide (LAP) and a mature peptide, and is found in either a latent form composed of a mature</p>

Target Details

peptide homodimer, a LAP homodimer, and a latent TGF-beta binding protein, or in an active form consisting solely of the mature peptide homodimer. The mature peptide may also form heterodimers with other TGF-beta family members. This protein is involved in embryogenesis and cell differentiation, and may play a role in wound healing. Mutations in this gene are a cause of aortic aneurysms and dissections, as well as familial arrhythmogenic right ventricular dysplasia 1. [provided by RefSeq, Aug 2016]

Molecular Weight: 56 kDa

UniProt: [P10600](#)

Pathways: [Cell-Cell Junction Organization](#), [Production of Molecular Mediator of Immune Response](#), [Protein targeting to Nucleus](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute with deionized water

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

Preservative: Without preservative

Storage: -80 °C

Storage Comment: Store at -80°C for 12 months (Avoid repeated freezing and thawing)

Expiry Date: 12 months