

Datasheet for ABIN7199387 **TGFB2 Protein (His tag)**



[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	TGFB2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TGFB2 protein is labelled with His tag.

Product Details

Purpose:	Human Latent TGF-beta 2 / TGFB2 Protein, His Tag
Sequence:	Leu 21 - Ser 414
Characteristics:	Human Latent TGFB2, His Tag (TG2-H5243) is expressed from human 293 cells (HEK293). It contains AA Leu 21 - Ser 414 (Accession # P61812-1).
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	TGFB2
Alternative Name:	Latent TGF-beta 2 / TGFB2 (TGFB2 Products)
Background:	Synonyms: Latent TGFB2,MGC116892,TGFβ2,TGF-beta2, Description: Transforming growth factor beta 2 (TGFB2) is also known as TGF-β2, G-TSF, TGFB. is a polypeptide member of the transforming growth factor beta superfamily of

Target Details

cytokines. It is a secreted protein that performs many cellular functions, including the control of cell growth, cell proliferation, cell differentiation and apoptosis. The TGFB2 protein helps control the growth and division (proliferation) of cells, the process by which cells mature to carry out specific functions (differentiation), cell movement (motility), and the self-destruction of cells (apoptosis). The TGFB2 protein can inhibit the T cell growth by IL-2-dependent. and can inhibit immune surveillance during tumor development, the protein promoting tumor growth with an autocrine manner. TGF- β 2 can affect the viability of killer cells and reduce the expression of IL-2, IL-6, IL-10, IFN- γ and other cytokines. TGFB2 plays an important role in controlling the immune system, and shows different activities on different types of cell, or cells at different developmental stages.

Molecular Weight:	47.6 kDa
NCBI Accession:	NP_003229
Pathways:	Cell-Cell Junction Organization , Production of Molecular Mediator of Immune Response , Protein targeting to Nucleus

Application Details

Application Notes:	This protein carries a polyhistidine tag at the N-terminus. The protein has a calculated MW of 47.6 kDa. The protein migrates as 12 kDa and 40-50 kDa under reducing (R) condition .
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	PBS, pH 7.4
Storage:	-20 °C
Storage Comment:	-20°C