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Datasheet for ABIN7125457

TGFB1 Protein (AA 30-278) (His tag)

1 Image

Overview

Quantity:	50 µg
Target:	TGFB1
Protein Characteristics:	AA 30-278
Origin:	Rat
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This TGFB1 protein is labelled with His tag.
Application:	Western Blotting (WB), ELISA

Product Details

Purity:	Greater than 95 % as determined by SDS-PAGE
Sterility:	0.2 µm filtered

Target Details

Target:	TGFB1
Alternative Name:	TGF beta 1 (TGFB1 Products)
Background:	Cartilage-inducing factor, CED, Differentiation inhibiting factor, DPD1, LAP, Latency-associated peptide, Prepro transforming growth factor beta 1, TGF beta, TGF beta 1, TGF beta 1 protein, TGF-beta 1 protein, TGF-beta-1, TGF-beta-5, TGF-beta1, TGFB, Tgfb-1, tgfb1
Molecular Weight:	27.3 kDa

Target Details

UniProt: [P17246](#)

Pathways: [EGFR Signaling Pathway](#), [Dopaminergic Neurogenesis](#), [Cellular Response to Molecule of Bacterial Origin](#), [Glycosaminoglycan Metabolic Process](#), [Regulation of Leukocyte Mediated Immunity](#), [Regulation of Muscle Cell Differentiation](#), [Positive Regulation of Immune Effector Process](#), [Cell-Cell Junction Organization](#), [Production of Molecular Mediator of Immune Response](#), [Ribonucleoside Biosynthetic Process](#), [Skeletal Muscle Fiber Development](#), [Regulation of Carbohydrate Metabolic Process](#), [Protein targeting to Nucleus](#), [Autophagy](#), [Cancer Immune Checkpoints](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Lyophilized

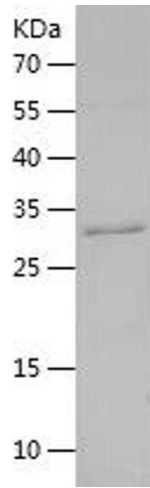
Reconstitution: Centrifuge the vial at 10,000 rpm for 1 minute, reconstitute at 200 µg/mL in 4 mM HCl by gentle pipetting 2-3 times, don't vortex

Buffer: Lyophilized from a 0.2 µm filtered solution in 10 mM Hepes, 500 mM NaCl with 5 % trehalose, pH 7.4

Storage: 4 °C, -20 °C

Storage Comment: -20°C for 12 months as lyophilized, 2-8°C for 1 month under sterile conditions after reconstitution

Expiry Date: 12 months



Western Blotting

Image 1.