

Datasheet for ABIN5710484

TGFB1 Protein (AA 260-373) (His-SUMO Tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	TGFB1
Protein Characteristics:	AA 260-373
Origin:	Chicken
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This TGFB1 protein is labelled with His-SUMO Tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	DLDTDYCFGP GTDEKNCCVR PLYIDFRKDL QWKWIHEPKG YMANFCMGPC PYIWSADTQY TKVLALYNQH NPGASAAPCC VPQTLDPPI IYYVGRNVRV EQLSNMNVRA CKCS
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

Target:	TGFB1
Alternative Name:	TGFB1 (TGFB1 Products)
Background:	Multifunctional protein that control proliferation, differentiation, and other functions in many cell types. Many cells synthesize TGFB1 and essentially all of th have specific receptors for this protein. It regulates the actions of many other growth factors and determines a positive or

Target Details

negative direction of their effects. It plays an important role in bone remodeling. It is a potent stimulator of osteoblastic bone formation, causing osteolysis, proliferation and differentiation in committed osteoblasts.

Molecular Weight: 29 kDa

UniProt: [P09531](#)

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

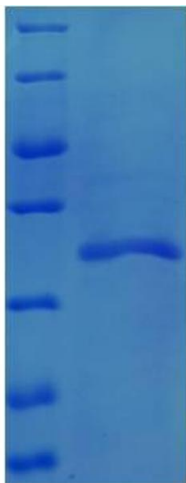
Format: Liquid

Concentration: 0.1-2 mg/mL

Buffer: 20 mM Tris-HCl based buffer, pH 8.0

Storage: -80 °C, 4 °C, -20 °C

Storage Comment: Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.



SDS-PAGE

Image 1.