

Datasheet for ABIN4371491
TGFB1 Protein (AA 279-390)



[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	TGFB1
Protein Characteristics:	AA 279-390
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Mouse Transforming Growth Factor β -1/TGF β 1/TGFB1
Sequence:	ALDTNYCFSS TEKNCCVRQL YIDFRKDLGW KWIHEPKGYH ANFCLGPCPY IWSLDTQYSK VLALYNQHNP GASASPCCVP QALEPLPIVY YVGRKPKVEQ LSNMIVRSCK CS
Characteristics:	Recombinant Mouse Transforming Growth Factor β -1/TGF β 1/TGFB1
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	TGFB1
Alternative Name:	Transforming Growth Factor beta-1 (TGFB1 Products)
Molecular Weight:	12.8 kDa

Target Details

UniProt:	P04202
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

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Lyophilized
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Buffer:	Lyophilized from a 0.2 µm filtered solution of 50 mM Glycine, 150 mM NaCl, pH 2.5.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.