Datasheet for ABIN7314556

TGFB1 Protein (AA 30-390)

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Overview

Quantity:	50 µg
Target:	TGFB1
Protein Characteristics:	AA 30-390
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS), Western Blotting (WB), ELISA, Mass Spectrometry (MS)

Product Details

Purpose:	Recombinant Human TGF beta 1 Protein is produced by mammalian expression system and the target gene encoding Leu30-Ser390 is expressed
Sequence:	HHHHHHHHLS TSKTIDMELV KRKRIEAIRG QILSKLRLAS PPSQGEVPPG PLPEAVLALY NSTRDRVAGE SAEPEPEPEA DYYAKEVTRV LMVETHNEIY DKFKQSTHSI YMFFNTSELR EAVPEPVLLS RAELRLLRLK LKVEQHVELY QKYSNNSWRY LSNRLLAPSD SPEWLSFDVT GVVRQWLSRG GEIEGFRLSA HCSCDSRDNT LQVDINGFTT GRRGDLATIH GMNRPFLLLM ATPLERAQHL QSSRHRRALD TNYCFSSTEK NCCVRQLYID FRKDLGWKWI HEPKGYHANF CLGPCPYIWS LDTQYSKVLA LYNQHNPGAS AAPCCVPQAL EPLPIVYYVG RKPKVEQLSN MIVRSCKCS
Purity:	Greater than 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered

Target Details

Target:	TGFB1
Alternative Name:	TGFB1 (TGFB1 Products)
Gene ID:	7040
UniProt:	P01137
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
Buffer:	Lyophilized from a 0.2 μm filtered solution of 50 mM Glycine, 50 mM NaCl, pH 4.0.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. 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.
Storage:	-20 °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 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.