

Mouse TGF beta 1 protein, His tag (active)

Cat. No. GTX04319-pro

Applications	WB, Functional Assay, Neutralizing/Inhibition
Species	Mouse

Package
10 µg

Applications

Calculated MW	14.1 kDa. (Note)
Observed MW (kDa)	16 kDa.

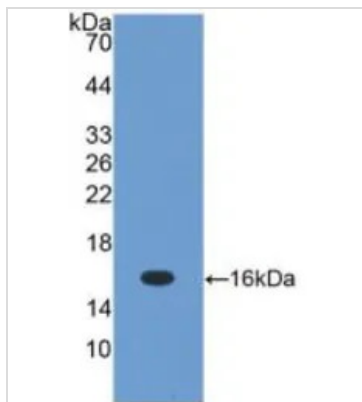
Properties

Form	Lyophilized powder
Buffer	Reconstitute in 20mM Tris, 150mM NaCl pH8.0 to a concentration of 0.1-1.0 mg/mL. Do not vortex. Lyophilized from 20mM Tris, 150mM NaCl pH8.0, 0.05% sarcosyl, 5% trehalose.
Preservative	5% Proclin300
Storage	Store at -20°C or below. After reconstitution, keep as concentrated solution. Aliquot and store at -20°C or below. Avoid freeze-thaw cycles.
Region/Sequence	N-terminal His-tag, Ala279~Ser390 (NP_035707.1)
Expression System	E. coli
Purity	> 97%
Endotoxin	<1.0EU per 1µg (determined by the LAL method)
Conjugation	Unconjugated
Note	<p>For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.</p> <p>Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.</p>



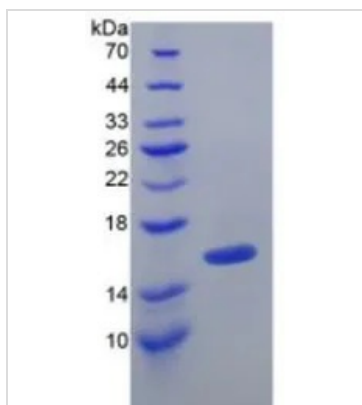
For full product information, images and publications, please visit our [website](#).

DATA IMAGES



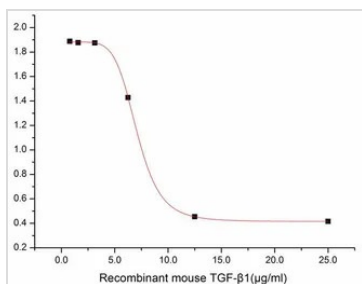
GTX04319-pro WB Image

WB analysis of GTX04319-pro Mouse TGF beta 1 protein, His tag (active) using Mouse TGFb1 antibody.



GTX04319-pro Image

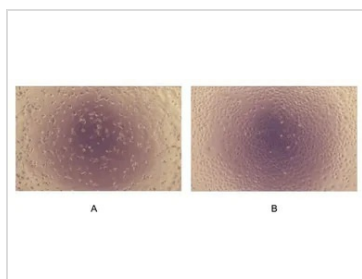
SDS-PAGE of GTX04319-pro Mouse TGF beta 1 protein, His tag (active).



GTX04319-pro Neutralizing/Inhibition Image

Cell viability was assessed by CCK-8 assay after incubation with recombinant GTX04319-pro Mouse TGF beta 1 protein, His tag (active) for 48h.

ED50 : 7.1μg/mL



GTX04319-pro Functional Assay Image

Cell proliferation effect of GTX04319-pro Mouse TGF beta 1 protein, His tag (active) 48h observed by inverted microscope.

(A) A549 cells cultured in DMEM, stimulated with 12.5μg/mL TGF-β1

(B) Unstimulated A549 cells cultured in DMEM



For full product information, images and publications, please visit our [website](https://www.genetex.com).