

Mouse TGF beta 1 protein, His tag (active)

Cat. No. GTX04319-pro

Applications	WB, Functional Assay, Neutralizing/Inhibition	Package
Species	Mouse	10 µg

Applications

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

Properties

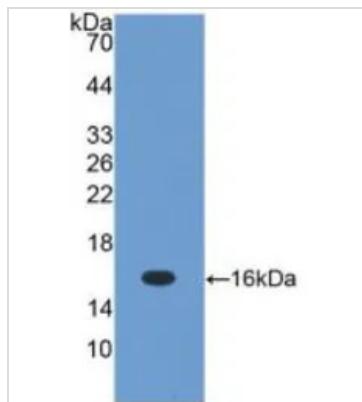
Form	Lyophilized powder
Buffer	Reconstitute in 20mM Tris, 150mM NaCl pH8.0 to a concentration of 0.1-1.0 mg/mL. Do not vortex. Lyophilized from 20mM Tris, 150mM NaCl pH8.0, 0.05% sarcosyl, 5% trehalose.
Preservative	5% Proclin300
Storage	Store at -20°C or below. After reconstitution, keep as concentrated 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	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.
	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.



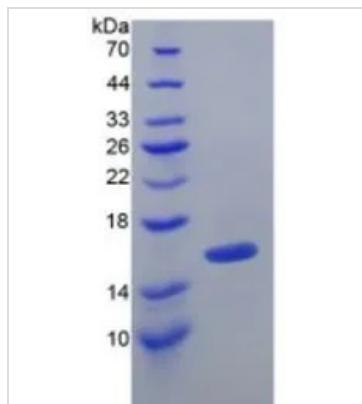
For full product information, images and publications, please visit our [website](#).

Date 2026 / 01 / 30 Page 1 of 2

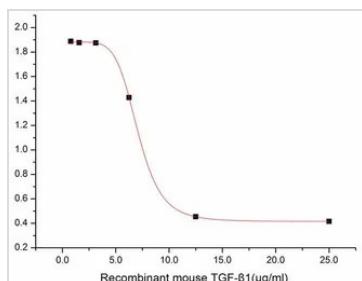
DATA IMAGES

**GTX04319-pro WB Image**

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

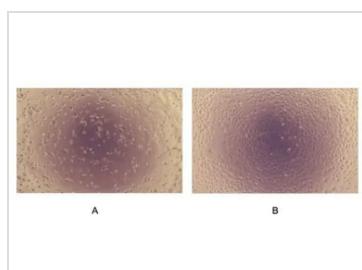
**GTX04319-pro Image**

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](#).

Date 2026 / 01 / 30 Page 2 of 2