

Mouse TGF beta 1 protein, His tag (active)

Cat. No. GTX04319-pro

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

10 µg

Applications

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

Form	Lyophilized powder
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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.
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Preservative	5% Proclin300
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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.
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Region/Sequence	N-terminal His-tag, Ala279~Ser390 (NP_035707.1)
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Expression System	E. coli
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Purity	> 97%
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Endotoxin	<1.0EU per 1µg (determined by the LAL method)
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Conjugation	Unconjugated
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Note

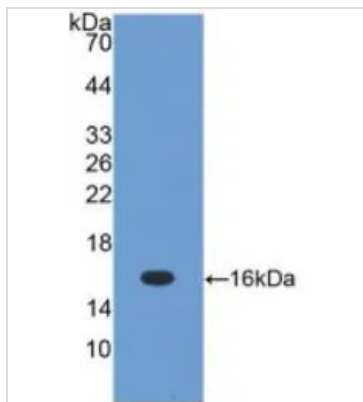
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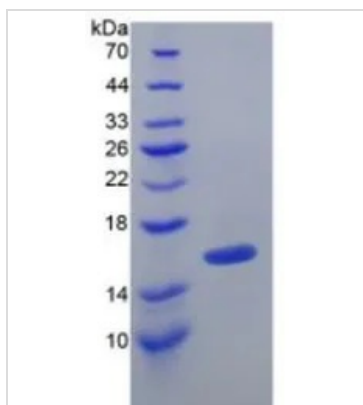
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DATA IMAGES



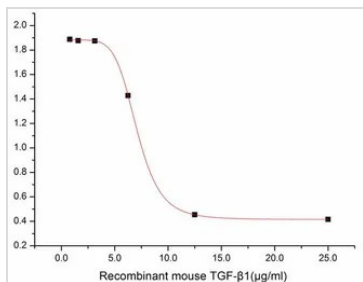
GTX04319-pro WB Image

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



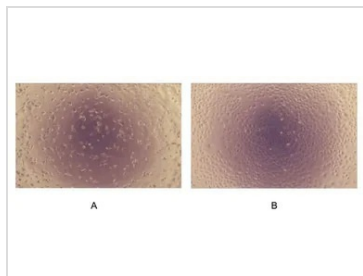
GTX04319-pro Image

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



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