

Active Recombinant Mouse, Rat TGFB1 protein

Cat. No. TGFB1-576M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse, Rat TGFB1 protein(Ala279-Ser390) was expressed in HEK293.
Species	Mouse/Rat
Source	HEK293
ProteinLength	Ala279-Ser390
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to inhibit cell proliferation of Mv-1-lu mink lung epithelial cells. The ED50 for this effect is 0.2-0.8 ng/mL.
Molecular Mass	The recombinant mouse / rat TGFB1 comprises 112 amino acids and predicts a molecular mass of 12.8 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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