

Recombinant Rhesus macaque TGFB1 protein, His-tagged

Cat. No. TGFB1-6544R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rhesus macaque TGFB1 protein(F7HCV5)(Leu30-Ser390(C33S)), fused with N-terminal His tag, was expressed in HEK293.
Species	Rhesus macaque
Source	HEK293
ProteinLength	Leu30-Ser390(C33S)
Tag	N-His
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Rhesus macaque Latent TGF beta 1, His Tag at 5ug/ml (100ul/Well) on the plate. Dose response curve for Biotinylated Human ITGAV&ITGB6, His Tag with the EC50 of 0.74ug/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 31.4/12.8 kDa. Due to glycosylation, the protein migrates to 40-50/14-15 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE

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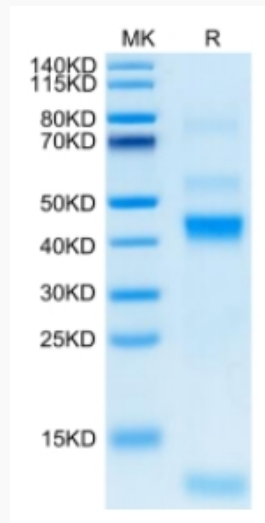
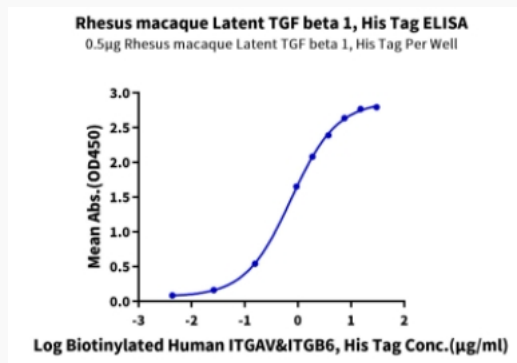
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Storage

Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

Reconstitution

Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

Tris-Bis PAGE

ELISA Data


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