

Active Recombinant Cynomolgus/Rhesus macaque TPBG(Thr35-Ser355) Protein, His-tagged

Cat. No. TPBG-2520C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus/Rhesus macaque TPBG(Q4R8Y9)(Thr35-Ser355) Protein, fused with a His tag at the C-terminus, was produced in HEK293.
Species	Cynomolgus/Rhesus macaque
Source	HEK293
ProteinLength	Thr 35 - Ser 355
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Cynomolgus / Rhesus macaque TPBG, His Tag at 1 µg/mL (100 µL/well) can bind Anti-TPBG Antibody, Human IgG1 with a linear range of 0.1-4 ng/mL.
Molecular Mass	The protein has a calculated MW of 36.7 kDa. The protein migrates as 55-65 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower.

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Please avoid repeated freeze-thaw cycles.

This product is stable after storage at:

-20 centigrade to -70 centigrade for 12 months in lyophilized state;

-70 centigrade for 3 months under sterile conditions after reconstitution.

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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