

## Active Recombinant Rhesus TGFBR2, Fc tagged

Cat. No. TGFBR2-8814R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rhesus TGFBR2(NP_001248080.1) (Met1-Asp159), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cell.
<b>Species</b>	Rhesus macaque
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Asp159
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	1. Measured by its binding ability in a functional ELISA. 2. Immobilized Rhesus TGFB1-His at 10 µg/mL (100 µL/well) can bind Rhesus TGFBR2-Fc. The EC50 of Rhesus TGFBR2-Fc is 28-56 ng/mL.
<b>Molecular Mass</b>	The recombinant rhesus TGFBR2 comprises 377 amino acids and has a calculated molecular mass of 42.4 KDa.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE

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**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.

**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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