

Active Recombinant Rhesus TGFBR2 protein, hFc-tagged

Cat. No. TGFBR2-464R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rhesus TGFBR2 protein (NP_001248080.1) (Met1-Asp159) was expressed in HEK293, fused with the Fc region of human IgG1 at the C-terminus.
Species	Rhesus macaque
Source	HEK293
ProteinLength	Met1-Asp159
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	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.
Molecular Mass	The recombinant rhesus TGFBR2 comprises 377 amino acids and has a calculated molecular mass of 42.4 KDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	>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 to reconstitute the lyophilized powder in sterile water to 100-200 ug/ml, and further dilute with other solvents. The dissolved protein can be stored at 4°C for 2-7 days and should be used up as soon as possible. If not in use for a short time, please store at -20°C.

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