

Active Recombinant Rhesus TGFB β 2 protein, hFc-tagged

Cat. No. TGFB β 2-464R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rhesus TGFB β 2 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 TGFB β 1-His at 10 μ g/mL (100 μ L/well) can bind Rhesus TGFB β 2-Fc. The EC ₅₀ of Rhesus TGFB β 2-Fc is 28-56 ng/mL.
Molecular Mass	The recombinant rhesus TGFB β 2 comprises 377 amino acids and has a calculated molecular mass of 42.4 KDa.
Endotoxin	< 1.0 EU per μ g of the protein as determined by the LAL method
Purity	>95% as determined by SDS-PAGE.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA