Active Recombinant Rhesus BTC protein, hFc-tagged

Cat. No. BTC-208R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rhesus BTC protein(XP_001101880.3) (Met1-Tyr111) was expressed in HEK293, fused with the Fc region of human IgG1 at the C-terminus.
Species	Rhesus macaque
Source	HEK293
ProteinLength	Met1-Tyr111
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	Measured in a cell proliferation assay using Balb/3T3 mouse embryonic fibroblast cells. The ED50 for this effect is typically 5-40 ng/mL.
Molecular Mass	The recombinant Rhesus BTC is a disulfide-linked homodimer. The reduced monomer comprises 321 amino acids and has a calculated molecular mass of 36 KDa.The apparent molecular mass of the protein is approximately 46 KDa respectively in SDS-PAGE.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 85 % 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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