

Active Recombinant Cynomolgus/Rhesus ANGPT2 protein, hFc-tagged

Cat. No. ANGPT2-1172C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus/Rhesus ANGPT2 protein(XP_005562586.1 & XP_001097949.1)(Lys274-Phe495), fused with hFc tag, was expressed in HEK293.
Species	Cynomolgus/Rhesus
Source	HEK293
ProteinLength	Lys274-Phe495
Form	Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Rhesus TIE2 His at 2 µg/ml (100 µl/well) can bind Cynomolgus, Rhesus Angiopoietin-2hFc, the EC50 of Cynomolgus, Rhesus Angiopoietin-2hFc is 6.0-48.0 ng/mL.
Molecular Mass	The recombinant cynomolgus / rhesus ANGPT2 consists 482 amino acids and predicts a molecular mass of 53.8 kDa.
Endotoxin	< 1.0 EU per µg 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 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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