

Active Recombinant Cynomolgus TEK protein, hFc-tagged

Cat. No. TEK-212C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus TEK protein(G7PS68)(Met1-Lys745), fused with hFc tag, was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	Met1-Lys745
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. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized mouse S1h-3C-mANGPT2 (Cat:50298-M07H) at 10 µg/ml (100 µl/well) can bind Cynomolgus TEK-Fc, The EC50 of Cynomolgus TEK-Fc is 0.7-1.64 µg/ml.
Molecular Mass	The recombinant cynomolgus TEK is a disulfide-linked homodimer. The reduced monomer comprises 964 amino acids and has a calculated molecular mass of 107.6 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 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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