

Active Recombinant Rhesus ERBB3 protein, hFc-tagged

Cat. No. ERBB3-1178R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rhesus ERBB3 protein(XP_001113953.2)(Met1-Thr643), fused with hFc tag, was expressed in HEK293.
Species	Rhesus macaque
Source	HEK293
ProteinLength	Met1-Thr643
Form	Lyophilized from sterile PBS, pH 7.4Please 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 Human NRG1 Alpha His at 2 µg/ml (100 µl/well) can bind Rhesus HER3/ERBB3 hFc, the EC50 of Rhesus HER3/ERBB3 hFc is 250-800 ng/mL.
Molecular Mass	The recombinant Rhesus ErbB3/Fc is a disulfide-linked homodimeric protein. The reduced monomer consists of 865 amino acids and predicts a molecular mass of 95.7 kDa. As a result of glycosylation, rhesus ErbB3/Fc monomer migrates as an approximately 130-140 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % 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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