

Recombinant Cynomolgus/Rhesus macaque ERBB3 protein, His-tagged

Cat. No. ERBB3-1606C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus/Rhesus macaque ERBB3 protein(XP_005571238.1/G7N7B1)(Ser20-His641), fused with C-terminal His tag, was expressed in HEK293.
Species	Cynomolgus/Rhesus macaque
Source	C-His
ProteinLength	Ser20-His641
Tag	C-His
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Cynomolgus/Rhesus macaque Her3, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Human NRG1 Beta 1, hFc Tag with the EC50 of 0.12µg/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 69.54 kDa. Due to glycosylation, the protein migrates to 85-105 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.

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Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC.
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

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