

# Active Recombinant Human, Rhesus ErbB4 protein, hFc-tagged

**Cat. No.** ErbB4-7282H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human, Rhesus ErbB4 protein(NP_005226.1)(Met1-Arg649), fused with hFc tag, was expressed in HEK293.
<b>Species</b>	Human/Rhesus macaque
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Arg649
<b>Form</b>	Lyophilized from sterile PBS, pH7.4. 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.
<b>Bio-activity</b>	Measured by its ability to bind biotinylated human Fc-NRG1 (isoform Beta1) (Cat:11609-H01H) in a functional ELISA.
<b>Molecular Mass</b>	The recombinant human / rhesus ERBB4/Fc is a disulfide-linked homodimer. The reduced monomer comprises 865 amino acids and has a predicted molecular mass of 96.6 kDa. The apparent molecular mass of the protein is approximately 117 kDa in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method

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<b>Purity</b>	> 85 % as determined by SDS-PAGE
<b>Storage</b>	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.
<b>Reconstitution</b>	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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