

Active Recombinant Human, Rhesus ErbB4 protein, hFc-tagged

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

SPECIFICATION

Product Overview	Recombinant Human, Rhesus ErbB4 protein(NP_005226.1)(Met1-Arg649), fused with hFc tag, was expressed in HEK293.
Species	Human/Rhesus macaque
Source	HEK293
ProteinLength	Met1-Arg649
Form	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.
Bio-activity	Measured by its ability to bind biotinylated human Fc-NRG1 (isoform Beta1) (Cat:11609-H01H) in a functional ELISA.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method

 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

Purity	> 85 % as determined by SDS-PAGE
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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