

# Recombinant Rat ErbB4 Protein, Fc-tagged, FITC conjugated

Cat. No. Erbb4-8720RF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	FITC conjugated recombinant Rat ErbB4 (Met1-Pro651), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cell.
<b>Species</b>	Rat
<b>Source</b>	HEK293
<b>ProteinLength</b>	867
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	The recombinant rat ERBB4/Fc is a disulfide-linked homodimer. The reduced monomer comprises 867 amino acids and has a predicted molecular mass of 96.9 kDa. The apparent molecular mass of the protein is approximately 119 kDa in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU/ µg of the protein as determined by the LAL method.
<b>Characteristic</b>	Disulfide-linked homodimer Labeled with FITC via amines Excitation source: 488 nm spectral line, argon-ion laser Excitation Wavelength: 488 nm Emission Wavelength: 535 nm
<b>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.

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<b>Storage</b>	Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
<b>Conjugation</b>	FITC
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	<a href="#">ErbB4 v-erb-a erythroblastic leukemia viral oncogene homolog 4 (avian) [ Rattus norvegicus ]</a>
<b>Official Symbol</b>	<a href="#">ErbB4</a>
<b>Gene ID</b>	<a href="#">59323</a>
<b>mRNA Refseq</b>	<a href="#">NM_021687</a>
<b>Protein Refseq</b>	<a href="#">NP_067719</a>

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