

## Recombinant Rat ErbB4, His tagged

Cat. No. ERBB4-217R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat ErbB4 (AAQ77349.1) (Met1-Pro651), fused with a polyhistidine tag at the C-terminus, was produced in Human Cells.
<b>Species</b>	Rat
<b>Source</b>	Human Cells
<b>ProteinLength</b>	1-651 a.a.
<b>Predicted N Terminal</b>	Gln 26
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant rat ERBB4 comprises 637 amino acids and predicts a molecular mass of 71.3 kDa. The apparent molecular mass of the recombinant protein is approximately 75-95 kDa in SDS-PAGE under reducing conditions due to glycosylation.
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Purity</b>	>95 % as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70oC.

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**Storage** Store it under sterile conditions at -20oC~-70oC. 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. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** [ErbB4 v-erb-a erythroblastic leukemia viral oncogene homolog 4 \(avian\) \[ Rattus norvegicus \]](#)

**Official Symbol** [ErbB4](#)

**Gene ID** [59323](#)

**mRNA Refseq** [NM\\_021687](#)

**Protein Refseq** [NP\\_067719](#)

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