

Recombinant Rat Erbb4, His tagged

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

SPECIFICATION

Product Overview	Recombinant Rat Erbb4 (AAQ77349.1) (Met1-Pro651), fused with a polyhistidine tag at the C-terminus, was produced in Human Cells.
Species	Rat
Source	Human Cells
ProteinLength	1-651 a.a.
Predicted N Terminal	Gln 26
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	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.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	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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