Recombinant Rat Erbb3 Protein, His-tagged, Alexa Fluor 647 conjugated

Cat. No. Erbb3-7437RAF647 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 647 conjugated recombinant Rat Erbb3 (Q3MHC0) (Met1-His641), fused with a polyhistidine tag at the C-terminus, was produced in Human Cell.
Species	Rat
Source	HEK293
ProteinLength	633
Form	Lyophilized
Molecular Mass	The recombinant rat ERBB3 comprises 633 amino acids and predicts a molecular mass of 69.9 kDa. The apparent molecular mass of the recombinant protein is approximately 112 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU/ μg of the protein as determined by the LAL method.
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 647 via amines Excitation = 650 nm Emission = 668 nm
Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.

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Storage	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.
Storage Buffer	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4
Reconstitution	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.
Conjugation	Alexa Fluor 647

GENE INFORMATION

Gene Name	Erbb3 v-erb-b2 erythroblastic leukemia viral oncogene homolog 3 (avian) [Rattus norvegicus]
Official Symbol	Erbb3
Gene ID	29496
mRNA Refseq	NM_017218
Protein Refseq	NP_058914

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