

# Recombinant Rat Erbb3 Protein, His-tagged, FITC conjugated

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

## SPECIFICATION

<b>Product Overview</b>	FITC conjugated recombinant Rat Erbb3 (Q3MHC0) (Met1-His641), fused with a polyhistidine tag at the C-terminus, was produced in Human Cell.
<b>Species</b>	Rat
<b>Source</b>	HEK293
<b>ProteinLength</b>	633
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	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.
<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.

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<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>	ErbB3 v-erb-b2 erythroblastic leukemia viral oncogene homolog 3 (avian) [ Rattus norvegicus ]
<b>Official Symbol</b>	ErbB3
<b>Gene ID</b>	29496
<b>mRNA Refseq</b>	NM_017218
<b>Protein Refseq</b>	NP_058914

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