

Recombinant Rat ErbB2 Protein, Fc-tagged, Alexa Fluor 555 conjugated

Cat. No. Erbb2-4097RAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat ErbB2 Protein extracellular domain (AAH61863.1, 4-656aa), was produced in Human Cell with C-terminal human IgG1 Fc tag and Alexa Fluor 555 conjugate.
Species	Rat
Source	HEK293
ProteinLength	4-656 aa
Form	Lyophilized
Molecular Mass	The recombinant rat ErbB2/Fc is a disulfide-linked homodimer. The reduced monomer comprises 872 amino acids and predicts a molecular mass of 97 kDa. The apparent molecular mass of the rat ErbB2/Fc monomer is approximately 130 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 555 via amines With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
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 sterile 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 555
GENE INFORMATION	
Gene Name	<i>ErbB2 v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene homolog (avian) [Rattus norvegicus]</i>
Official Symbol	<i>ErbB2</i>
Gene ID	24337
mRNA Refseq	NM_017003
Protein Refseq	NP_058699

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