

# Recombinant Human ERBB3 Protein, His-tagged, Alexa Fluor 488 conjugated

Cat. No. ERBB3-209HAF488 Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Alexa Fluor 488 conjugated recombinant human ERBB3 (NP_001973.2) precursor extracellular domain (Met 1-Thr 643), fused with a C-terminal polyhistidine tag, was produced in Human Cell.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	635
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	The recombinant human ErbB3 protein consists of 635 amino acids after the removal of signal peptide and has a calculated molecular mass of 70.2 kDa. As a result of glycosylation, the recombinant ErbB3 migrates as an approximately 100-110 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU/ µg of the protein as determined by the LAL method.
<b>Characteristic</b>	Disulfide-linked homodimer Labeled with Alexa Fluor 488 via amines Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm

 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>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
<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 sterile PBS, pH 7.5
<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>	Alexa Fluor 488

## GENE INFORMATION

<b>Gene Name</b>	ERBB3 v-erb-b2 erythroblastic leukemia viral oncogene homolog 3 (avian) [ Homo sapiens ]
<b>Official Symbol</b>	ERBB3
<b>Gene ID</b>	2065
<b>mRNA Refseq</b>	NM_001005915
<b>Protein Refseq</b>	NP_001005915
<b>MIM</b>	190151
<b>UniProt ID</b>	P21860

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