

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

**Cat. No.** ERBB3-44HAF488    **Lot. No.** (See product label)

## SPECIFICATION

**Product Overview**      Alexa Fluor 488 conjugated recombinant human ERBB3 precursor extracellular domain (Met 1-Thr 643) (NP\_001973.2), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cell.

**Species**      Human

**Source**      HEK293

**ProteinLength**      862

**Form**      Lyophilized

**Molecular Mass**      The mature recombinant human ErbB3/Fc chimera is a disulfide-linked homodimeric protein after the removal of signal peptide. The monomer consists of 862 amino acids and has a calculated molecular mass of 95.4 kDa. As a result of glycosylation, the recombinant monomer migrates as an approximately 130-140 kDa protein in SDS-PAGE under reducing conditions.

**Endotoxin**      < 1.0 EU/ µg of the protein as determined by the LAL method.

**Characteristic**      Disulfide-linked homodimer  
 Labeled with Alexa Fluor 488 via amines  
 Excitation Wavelength: 488 nm  
 Emission Wavelength: 515-545 nm

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<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 7.4
<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>	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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