

# Recombinant Human ERBB3 Protein, Fc-tagged, FITC conjugated

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

## SPECIFICATION

<b>Product Overview</b>	FITC 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.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	862
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	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.
<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

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	Emission Wavelength: 535 nm
<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>	FITC

## 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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