

# Recombinant Human ERBB2 Protein, His-tagged, FITC conjugated

**Cat. No.** ERBB2-922HF    **Lot. No.** (See product label)

## SPECIFICATION

**Product Overview** FITC conjugated recombinant human ERBB2 extracellular domain (Met 1-Thr 652) (NP\_004439.2), fused with the polyhistidine tag at the C-terminus, was produced in Human Cell.

**Species** Human

**Source** HEK293

**ProteinLength** 641

**Form** Lyophilized

**Molecular Mass** The recombinant human ErbB2 comprises 641 amino acids and has a calculated molecular mass of 71 kDa. As a result of glycosylation, rh ErbB2 migrates as an approximately 100-110 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 FITC via amines  
 Excitation source: 488 nm spectral line, argon-ion laser  
 Excitation Wavelength: 488 nm  
 Emission Wavelength: 535 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>	FITC

## GENE INFORMATION

<b>Gene Name</b>	ERBB2 v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene homolog (avian) [ Homo sapiens ]
<b>Official Symbol</b>	ERBB2
<b>Gene ID</b>	2064
<b>mRNA Refseq</b>	NM_001005862
<b>Protein Refseq</b>	NP_001005862
<b>MIM</b>	164870
<b>UniProt ID</b>	P04626

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