Recombinant Human ERBB2 Protein, Fc-tagged, Alexa Fluor 488 conjugated

Cat. No. ERBB2-41HAF488 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ERBB2 Protein extracellular domain (NP_004439.2, 1-652aa), was produced in Human Cell with C-terminal human IgG1 Fc tag and Alexa Fluor 488 conjugated.
Species	Human
Source	HEK293
ProteinLength	1-652 aa
Form	Lyophilized
Molecular Mass	The recombinant human ErbB2/Fc chimera is a disulfide-linked homodimeric protein generated by proteolytic removal of the signal peptide. The monomer comprises 868 amino acids and has a calculated molecular mass of 96.1 kDa. As a result of glycosylation, the 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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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 488

GENE INFORMATION

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

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