

Recombinant Human ERBB4 Protein, Fc/His-tagged, Alexa Fluor 488 conjugated

Cat. No. ERBB4-288HAF488 **Lot. No.** (See product label)

SPECIFICATION

Product Overview Alexa Fluor 488 conjugated recombinant human ERBB4 precursor extracellular domain (Met 1-Pro 651) (NP_001036064.1), fused with the polyhistidine-tagged Fc region of human IgG1 at the C-terminus, was produced in Human Cell.

Species Human

Source HEK293

ProteinLength 871

Form Lyophilized

Molecular Mass The recombinant human ErbB4/Fc is a disulfide-linked homodimeric protein after proteolytic removal of the signal peptide. The reduced monomer consists of 871 amino acids and predicts a molecular mass of 97.5 kDa. As a result of glycosylation, the rh ErbB4/Fc monomer migrates as approximately 125-135 kDa band 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	ERBB4 v-erb-a erythroblastic leukemia viral oncogene homolog 4 (avian) [Homo sapiens]
Official Symbol	ERBB4
Gene ID	2066
mRNA Refseq	NM_001042599
Protein Refseq	NP_001036064
MIM	600543
UniProt ID	Q15303

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