# Recombinant Human ERBB3 Protein, Fc-tagged, Alexa Fluor 647 conjugated

**Cat. No.** ERBB3-44HAF647 **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Alexa Fluor 647 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<br>Labeled with Alexa Fluor 647 via amines<br>Excitation = 650 nm<br>Emission = 668 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 647 |

## GENE INFORMATION

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| **Gene Name** | ERBB3 v-erb-b2 erythroblastic leukemia viral oncogene homolog 3 (avian) [ Homo sapiens ] |
| **Official Symbol** | ERBB3 |
| **Gene ID** | 2065 |
| **mRNA Refseq** | NM_001005915 |
| **Protein Refseq** | NP_001005915 |
| **MIM** | 190151 |
| **UniProt ID** | P21860 |

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