

Recombinant Human ERBB3 Protein, DDDDK-tagged, Alexa Fluor 647 conjugated

Cat. No. ERBB3-197HAF647 **Lot. No.** (See product label)

SPECIFICATION

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|-------------------------------------|---|
| Product Overview | Alexa Fluor 647 conjugated recombinant human ERBB3 (NP_001973.2) (Met1-Thr643) was expressed with five amino acids (DDDDK) at the C-terminus. |
| Species | Human |
| Source | HEK293 |
| ProteinLength | 630 |
| Form | Lyophilized |
| Molecular Mass | 69.3 kDa |
| N-terminal Sequence Analysis | Ser 20 |
| Endotoxin | < 1.0 EU/ µg of the protein as determined by the LAL method. |
| Purity | > (58.6+31.1) % as determined by SDS-PAGE |
| Characteristic | Disulfide-linked homodimer Labeled with Alexa Fluor 647 via amines Excitation = 650 nm 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, 5%-8% trehalose and mannitol. |
| Reconstitution | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 µg/µL. 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 |
| Synonyms | ERBB3; v-erb-b2 erythroblastic leukemia viral oncogene homolog 3 (avian); LCCS2, lethal congenital contracture syndrome 2; receptor tyrosine-protein kinase erbB-3; HER3; proto-oncogene-like protein c-ErbB-3; tyrosine kinase-type cell surface receptor HER3; LCCS2; ErbB-3; c-erbB3; erbB3-S; MDA-BF-1; c-erbB-3; p180-ErbB3; p45-sErbB3; p85-sErbB3; MGC88033; |
| Gene ID | 2065 |
| mRNA Refseq | NM_001005915 |
| Protein Refseq | NP_001005915 |

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| MIM | 190151 |
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| UniProt ID | P21860 |
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