

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

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

SPECIFICATION

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

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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