

# Recombinant Human ERBB3 Protein, His/GST-tagged, Alexa Fluor 647 conjugated

**Cat. No.** ERBB3-7276HAF647    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Alexa Fluor 647 conjugated recombinant human ERBB3 (NP_001973.2) cytoplasmic domain (Pro 730-Ser 1065), fused with the N-terminal polyhistidine-tagged GST tag, was produced in Baculovirus-Insect cells.           |
| <b>Species</b>          | Human                                                                                                                                                                                                               |
| <b>Source</b>           | Insect Cells                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 573                                                                                                                                                                                                                 |
| <b>Form</b>             | Lyophilized                                                                                                                                                                                                         |
| <b>Molecular Mass</b>   | The recombinant human ErbB3 /GST chimera consists of 573 amino acids and has a calculated molecular mass of 65 kDa. It migrates as an approximately 65 kDa band as predicted in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>        | < 1.0 EU/ µg of the protein as determined by the LAL method.                                                                                                                                                        |
| <b>Characteristic</b>   | Disulfide-linked homodimer<br>Labeled with Alexa Fluor 647 via amines<br>Excitation = 650 nm<br>Emission = 668 nm                                                                                                   |
| <b>Stability</b>        | Samples are stable for up to 12 months from date of receipt at -70 centigrade.                                                                                                                                      |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                       |                                                                                                                                                                           |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>        | 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.       |
| <b>Storage Buffer</b> | Lyophilized from 0.2 µm filtered solution of 50 mM Tris, 100 mM NaCl, pH 7.5, 10% gly, 1 mM GSH                                                                           |
| <b>Reconstitution</b> | 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. |
| <b>Conjugation</b>    | Alexa Fluor 647                                                                                                                                                           |

## GENE INFORMATION

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA