

Recombinant Human ERBB3 Protein, His/GST-tagged, Alexa Fluor 555 conjugated

Cat. No. ERBB3-7276HAF555 Lot. No. (See product label)

SPECIFICATION

Product Overview Alexa Fluor 555 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.

Species Human

Source Insect Cells

ProteinLength 573

Form Lyophilized

Molecular Mass 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.

Endotoxin < 1.0 EU/ µg of the protein as determined by the LAL method.

Characteristic Disulfide-linked homodimer
Labeled with Alexa Fluor 555 via amines
With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

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 0.2 µm filtered solution of 50 mM Tris, 100 mM NaCl, pH 7.5, 10% gly, 1 mM GSH
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 555

GENE INFORMATION

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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