

Active Recombinant Human ERBB3 protein, His-tagged, FITC-Labeled

Cat. No. ERBB3-209HF Lot. No. (See product label)

SPECIFICATION

Product Overview	FITC-Labeled Recombinant Human ERBB3 protein(Ser 20 - Thr 643), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ser20-Thr643
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human NRG1 Beta 1, Fc Tag at 2 µg/mL (100 µL/well) can bind FITC-Labeled Human ErbB3, His Tag with a linear range of 0.625-20 µg/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus.The protein has a calculated MW of 70.5 kDa. The protein migrates as 80-90 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	For long term, the product should be stored at lyophilized state at -20°C or

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lower. Please protect from light and avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

Conjugation

FITC

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

MIM

190151

UniProt ID

P21860

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