

Active Recombinant Human ERBB2 Protein, His-tagged, PE-Labeled

Cat. No. ERBB2-4683H Lot. No. (See product label)

SPECIFICATION

Product Overview

Recombinant Human ERBB2 Protein (23-652aa), was expressed in HEK293 with C-terminal His tag and PE-Labeled conjugate.

Species

Human

Source

HEK293

ProteinLength

23-652 aa

Form

Lyophilized from 0.22 μ m filtered solution in PBS, 0.5% BSA, pH7.4. Normally trehalose is added as protectant before lyophilization.

Bio-activity

5e5 of anti-Her2 CAR-293 cells were stained with 100 μ L of 1:25 dilution (4 μ L stock solution in 100 μ L FACS buffer) of PE-Labeled Human Her2, His Tag and negative control protein respectively. PE signal was used to evaluate the binding activity.

Molecular Mass

This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 73.0 kDa.

Storage

For long term, the product should be stored at lyophilized state at -20°C or 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.

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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.

GENE INFORMATION

Gene Name ERBB2 v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene homolog (avian) [Homo sapiens]

Official Symbol ERBB2

Synonyms ERBB2; v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene homolog (avian); NGL, v erb b2 avian erythroblastic leukemia viral oncogene homolog 2 (neuro/glioblastoma derived oncogene homolog); receptor tyrosine-protein kinase erbB-2; CD340; HER 2; HER2; NEU; herstatin; p185erbB2; proto-oncogene Neu; c-erb B2/neu protein; proto-oncogene c-ErbB-2; metastatic lymph node gene 19 protein; tyrosine kinase-type cell surface receptor HER2; neuroblastoma/glioblastoma derived oncogene homolog; v-erb-b2 avian erythroblastic leukemia viral oncogene homolog 2 (neuro/glioblastoma derived oncogene homolog); NGL; TKR1; HER-2; MLN 19; HER-2/neu;

Gene ID 2064

mRNA Refseq NM_001005862

Protein Refseq NP_001005862

MIM 164870

UniProt ID P04626

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