

# Active Recombinant Human ERBB2 Protein, His-tagged, Site-specific PE-Labeled

Cat. No. ERBB2-038HP    Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human ERBB2 Protein (P04626-1, 23-652aa, active, site-specific PE-Labeled), was expressed in HEK293 with C-terminal His tag.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	23-652 aa
<b>Tag</b>	C-His
<b>Conjugation/Label</b>	Site-specific PE
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, 0.5% BSA, pH7.4.
<b>Bio-activity</b>	5e5 of anti-Her2 CAR-293 cells were stained with 100 µL of 1:25 dilution (4 µL stock solution in 100 µL FACS buffer) of PE-Labeled Human Her2, His Tag and negative control protein respectively. PE signal was used to evaluate the binding activity.
<b>Molecular Mass</b>	The protein has a calculated MW of 73.0 kDa.
<b>Storage</b>	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please protect from light and avoid repeated freeze-thaw cycles.

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This product is stable after storage at:  
 -20°C to -70°C for 12 months in lyophilized state;  
 -70°C for 6 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.

## 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

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UniProt ID

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