

## Active Recombinant Human ERBB2 protein(S310F), His-tagged

Cat. No. ERBB2-626H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ERBB2 protein(S310F)(P04626-1)(Thr 23 - Thr 652), fused with His tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Thr 23 - Thr 652
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Immobilized Human Her2 (S310F), His Tag at 1 µg/mL (100 µL/well) can bind Trastuzumab with a linear range of 0.1-3 ng/mL.
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE.
<b>Storage</b>	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage 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** <http://www.ncbi.nlm.nih.gov/gene/2064>

**Gene ID** 2064

**mRNA Refseq** NM\_001005862

**Protein Refseq** NP\_001005862

**MIM** 164870

**UniProt ID** P04626

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