

## Recombinant Human ERBB2 Protein, Flag-tagged

Cat. No. ERBB2-920H Lot. No. (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Human ERBB2 protein(NP_004439.2) (Met1-Thr652) , fused to C-terminal Flag tag, was expressed in HEK293.   |
| <b>Species</b>          | Human   |
| <b>Source</b>           | HEK293  |
| <b>ProteinLength</b>    | Met1-Thr652   |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4.<br>Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.   |
| <b>Molecular Mass</b>   | The recombinant human ERBB2 consists 636 amino acids and predicts a molecular mass of 70 kDa. As a result of glycosylation, human ErbB2 migrates as an approximately 100-110 kDa protein in SDS-PAGE under reducing conditions.                   |
| <b>Endotoxin</b>        | < 1.0 EU per µg protein as determined by the LAL method.  |
| <b>Purity</b>           | > 95 % as determined by SDS-PAGE.   |
| <b>Storage</b>          | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C<br>Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |

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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\_004439.2

**MIM** 164870

**UniProt ID** P04626

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