

## Recombinant Human ERBB2 protein (Met1-Cys195), His-tagged

**Cat. No.** ERBB2-824H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human ERBB2 (NP_004439.2) (Met1-Cys195) protein, fused with a polyhistidine tag at the C-terminus, was expressed in HEK293 Cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-195 a.a.
<b>CommonName</b>	ERBB2
<b>Predicted N Terminal</b>	Thr 23
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4, 5 % trehalose, 5% mannitol and 0.01% Tween80.
<b>Molecular Mass</b>	The recombinant human ERBB2 consists of 184 amino acids and predicts a molecular mass of 20.9 kDa. As a result of glycosylation, it migrates as an approximately 32 kDa protein in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	> 90 % as determined by SDS-PAGE

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<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. 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.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.
<b>Shipping</b>	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	ERBB2 v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene homolog (avian) [ Homo sapiens ]
<b>Official Symbol</b>	ERBB2
<b>Synonyms</b>	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;
<b>Gene ID</b>	2064

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mRNA Refseq	<a href="#">NM_001005862</a>
Protein Refseq	<a href="#">NP_001005862</a>
MIM	<a href="#">164870</a>
UniProt ID	<a href="#">P04626</a>

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