

Recombinant Human ERBB2 Protein, His & GST-tagged

Cat. No. ERBB2-176H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ErbB2 Protein cytoplasmic domain (NP_004439.2, 676-1255aa), was expressed in Insect Cells with N-terminal His-tagged GST tag.
Species	Human
Source	Insect Cells
ProteinLength	676-1255 aa
Form	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 2 mM GSH, 10 % gly, pH 8.0.
Molecular Mass	The recombinant human ErbB2 (676-1255)/GST chimera consists of 817 amino acids and predicts a molecular mass of 92 kDa. It migrates as an approximately 100 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 75 % as determined by SDS-PAGE and SEC-HPLC Analysis.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
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.

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GENE INFORMATION

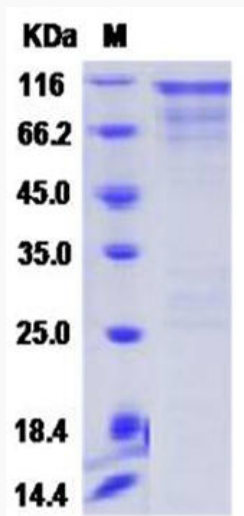
Gene Name	ERBB2 v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene homolog (avian) [Homo sapiens]
Official Symbol	ERBB2
Synonyms	ERBB2; v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene homolog (avian); NGL, v erb 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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SDS-PAGE



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