

Recombinant Human ERBB2 protein, His-tagged

Cat. No. ERBB2-2865H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ERBB2 Protein (P04626, 23-652aa), was expressed in E. coli with N-terminal His tag.
Species	Human
Source	E.coli
ProteinLength	23-652 aa
Form	<p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>
Molecular Mass	73.3 kDa
AA Sequence	<p>TQVCTGTDMLRLPASPETHLDMLRHLYQGCQVVQGNLELTYLPTNASLSFLQDIQ EVQGYVLIAHNQVRQVPLQRLRIVRGTQLFEDNYALAVLDNGDPLNNTTPVTGASPG GLRELQLRSLTEILKGGVLIQRNPQLCYQDTILWKDIFHKNNQLALTLIDTNRSRACHP CSPMCKGSRGWGESSEDCQSLTRTV CAGGCARCKGPLPTDCCHEQCAAGCTGPK HSDCLACLHFNHSGICELHCPALVTYNTDTFESMPNPEGRYTFGASCVTACPYNYL STDVGSCTLVCPLHNQEVT AEDGTQRCEKCSKPCARVCYGLGMEHLREVRVTS A NIQEFAGCKKIFGSLAFLPESFDGDPASNTAPLQPEQLQVFETLEEITGYLYISAWPD SLPDL SVFQNLQVIRGRILHNGAYSLTLQGLGISWLGLRSLRELGSG LALIH HNT HLC FVHTVPWDQLFRNPHQALLHTANRPEDECVGEG LACHQLCARGHCWGP GP TQCV</p>

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NCSQFLRGQECVVEECRVLQGLPREYVNARHCLPCHPECQPQNGSVTCFGPEADQ
 CVACAHYKDPPFCVARCPSGVKPDLSYMPIWKFPDEEGACQPCPINCTHSCVDLDD
 KGCPAEQRASPLT

Purity Greater than 90% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

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

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mRNA Refseq	NM_001005862
Protein Refseq	NP_001005862
MIM	164870
UniProt ID	P04626

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