

# Human ErbB2 Recombinant Protein



RPPB2506

## Product Information Protein Information

### Product SKU:

RPPB2506

### Accession:

P04626

### Host:

Sf9, Baculovirus cells.

### Protein description:

ErbB2 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 638 amino acids (23-652) and having a molecular mass of 70.4kDa (Molecular size on SDS-PAGE will appear at approximately 70-100kDa). ErbB2 is fused to 8 amino acid IgG His-Tag at C-terminus and purified by proprietary chromatographic techniques.

### Appearance:

Sterile Filtered clear solution.

### Synonyms:

Receptor tyrosine-protein kinase erbB-2, EC 2.7.10.1, p185erbB2, C-erbB-2, NEU proto-oncogene, Tyrosine kinase-type cell surface receptor HER2, MLN 19, CD340 antigen, NEU, NGL, HER2, TKR1, HER-2, c-erb B2, HER-2/neu.

### Formulation:

ErbB2 protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

### Purity:

Greater than 85.0% as determined by SDS-PAGE.

### Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Amino Acid Sequence:

TQVCTGTDK LRLPASPETH LDMLRHLYQG CQVVQGNLEL TYLPTNASLS FLQDIQEVQG YVLIAHNQVR  
QVPLQRLRIV RGTQLFEDNY ALAVLDNGDP LNNTTPVTGA SPGGLRELQL RSLTEILKGG VLIQRNPQLC  
YQDTILWKDI FHKNNQLALT LIDTNRSRAC HPCSPMCKGS RCWGESSEDC QSLTRTV CAG GCARCKGPLP  
TDCCHEQCAA GCTGPKHSDC LACLHFHNSG ICELHCPALV TYNTDTFESM PNPEGRYTFG ASCVTACPIN  
YLSTDVGSCT LVCPLHNQEV TAEDGTQRCE KCSKPCARVC YGLGMEHLRE VRAVTSANIQ EFAGCKKIFG  
SLAFLPESFD GDPASNTAPL QPEQLQVFET LEEITGYLYI SAWPDSLPL SVFQNLQVIR GRILHNGAYS  
LTLQGLGISW LGLRSLRELG SGLALIHNT HLCFVHTVPW DQLFRNPHQA LLHTANRPED ECVGEGGLACH  
QLCARGHCWG PGPTQCVNCS QFLRGQECVE ECRVLQGLPR EYVNARHCLP CHPECQPQNG SVTCFGPEAD  
QCVACAHYKD PPFCVARCPS GVKPDL SYMP IWKFPDEEGA CQPCPINCTH SCVDLDDKGC PAEQRASPLT  
LEHHHHHH.