

Tyrosine Kinase ErbB-2 Human Recombinant, Sf9

Item Number	rAP-2065
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.
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
Uniprot Accession Number	P04626
Amino Acid Sequence	TQVCTGTDKMLRLPASPETHLDMLRHLYQGQVQVQGNLELTYLPTNASLSFLQDIQEVQGYVLIAHNQVRQVPLQRLRIVRGTQLFEDNYALAVLDNGDPLNNTTPVTGASPGGLRELQLRSLTEILKGGVLIQRNPQLCYQDTILWKDIFHKNNQLALTLIDTNRSRACHPCCSPMCKGSRCWGESSEDCQLSRTRVCAGGCARCKGPLPTDCCHEQCAA GCTGPKHSDCLACLHFNHSGICE-LHCPALV TYNTDTFESM PNPEGRYTFG ASCVTACYPN YLSTDVGSCT LVCPLHNQEV TAEDGTQRCEKCSKPCARVCYGLGMEHLREVRVAVTSANIQEFAGCKKIFGSLAFLPESFDGDPASNTAPL
Source	Sf9, Baculovirus cells.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	ErbB2 protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 85.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**