

HER2, Active recombinant protein
HER, v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene
Catalog # PBV11335r

Specification

HER2, Active recombinant protein - Product info

Primary Accession	P04626
Concentration	0.1
Calculated MW	116.0 kDa KDa

HER2, Active recombinant protein - Additional Info

Gene ID	2064
Gene Symbol	HER2

Other Names

HER, v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene homolog, Proto-oncogene-like protein c-ErbB-3, Tyrosine kinase-type cell surface receptor HER3

Source	Baculovirus (Sf9 insect cells)
Assay&Purity	SDS-PAGE; ≥90%
Assay2&Purity2	HPLC;
Recombinant	Yes

Format

Liquid

Storage

-80°C; Recombinant protein stored in 50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.

HER2, Active recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HER2, Active recombinant protein - Images

HER2, Active recombinant protein - Background

HER2 gene encodes a cell-surface glycoprotein tyrosine kinase receptor with extensive homology

to the epidermal growth factor receptor. HER2 is an oncogene and overexpression of unaltered HER2 coding sequences in NIH 3T3 cells results in cellular transformation and tumorigenesis (1). HER2 is amplified in about 30% of primary human breast malignancies and overexpression of HER2 is associated with the most aggressive tumors that show uncontrolled proliferation, resistance to apoptosis and increased motility (2).