

Human ErbB3 Recombinant Protein



RPPB2508

Product Information Protein Information

Product SKU:

RPPB2508

Accession:

P21860

Host:

Escherichia Coli.

Protein description:

Tyrosine Kinase ErbB3 Human Recombinant (HER3) produced in E.Coli is a single, non-glycosylated polypeptide consisting of several epitopes of extracellular domain of human Erb-b3, and having a total molecular mass of approximately 12.0 kDa. The ErbB3 is purified by proprietary chromatographic techniques.

Appearance:

A white semitransparent suspension at a concentration of 1 mg/ml.

Synonyms:

Receptor tyrosine-protein kinase erbB-3, EC 2.7.10.1, c-erbB3, Tyrosine kinase-type cell surface receptor HER3, ErbB3, HER3.

Formulation:

Each mg protein contains 1 mg aluminum hydroxide 10mM arginine, 10mM sodium chloride, 20mM sodium phosphate buffer and 5mM potassium phosphate. Dilution: It is recommended that sterile phosphate-buffered saline containing 1mg aluminum hydroxide be added to the vial to prepare a stock solution.

Purity:

Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Stability:

ErbB3 although stable at 4°C for 1 week, should be stored below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Biological Activity:

Measured by its ability to postpone tumor emerge time of spontaneous breast cancer in FVB/N transgenic mice and inhibit the development of tumor, effectively inhibit the growth of in situ transplanted breast cancer in FVB/N transgenic mice.