ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Tyrosine Kinase ErbB-3 Human Recombinant

Item Number	rAP-2067
Synonyms	Receptor tyrosine-protein kinase erbB-3, EC 2.7.10.1, c-erbB3, Tyrosine kinase-type cell surface receptor HER3, ErbB3, HER3.
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.
Uniprot Accesion Number	P21860
Amino Acid Sequence	
Source	Escherichia Coli.
Physical Appearance and Stability	A white semitransparent suspension at a concentration of 1 mg/ml. 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.
Formulation and Purity	Each mg protein contains 1 mg aluminum hydroxide 10mM arginine, 10mM sodium chloride, 20mM sodium phosphate buffer and 5mM potassium phosphate. Greater than 95.0% as determined by:(a) Analysis by RP -HPLC.(b) Analysis by SDS-PAGE.
Application	
Solubility	It is recommended that sterile phosphate-buffered saline containing 1mg aluminum hydroxide be added to the vial to prepare a stock solution.
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.
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

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