

Active Recombinant Human ERBB3 Protein

Cat. No. ERBB3-23H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human ERBB3 protein produced in E.coli is a single, non-glycosylated polypeptide consisting of several epitopes of extracellular domain of human Erb-b3.
Species	Human
Source	E.coli
Bio-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.
Molecular Mass	12.0 kDa
Purity	Greater than 95.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Stability	ErbB3 although stable at 4 centigrade for 1 week, should be stored below -18 centigrade. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
Concentration	1 mg/mL
Storage Buffer	Each mg protein contains 1 mg aluminum hydroxide 10 mM arginine, 10 mM sodium

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chloride, 20 mM sodium phosphate buffer and 5 mM potassium phosphate.

Dilutions

It is recommended that sterile phosphate-buffered saline containing 1 mg aluminum hydroxide be added to the vial to prepare a stock solution.

Shipping

Shipped with ice packs.

GENE INFORMATION

Gene Name

ERBB3 erb-b2 receptor tyrosine kinase 3 [Homo sapiens (human)]

Official Symbol

ERBB3

Synonyms

ERBB3; erb-b2 receptor tyrosine kinase 3; HER3; FERLK; LCCS2; ErbB-3; c-erbB3; erbB3-S; MDA-BF-1; c-erbB-3; p180-ErbB3; p45-sErbB3; p85-sErbB3; receptor tyrosine-protein kinase erbB-3; human epidermal growth factor receptor 3; proto-oncogene-like protein

Gene ID

2065

mRNA Refseq

NM_001982

Protein Refseq

NP_001973

MIM

190151

UniProt ID

P21860

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