

Recombinant Human HER3 (C-Fc) Catalog No: CX93

Description Recombinant Human Receptor Tyrosine-protein Kinase ErbB-3 is produced by our Mammalian

expression system and the target gene encoding Ser20-Cys331 is expressed with a Fc tag at the C-

terminus.

Source Human Cells

Alternative name Proto-oncogene-like protein c-ErbB-3; Tyrosine kinase-type cell surface receptor HER3; ERBB3; HER3

Accession No. P21860-3

Formulation Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

Always centrifuge tubes before opening. Do not mix by vortex or pipetting.

Reconstitution

Dissolve the lyophilized protein in distilled water.

Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

It is not recommended to reconstitute to a concentration less than 100µg/ml.

Quality Control Purity: Greater than 90% as determined by reducing SDS-PAGE.

Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

Shipping The product is shipped at ambient temperature.

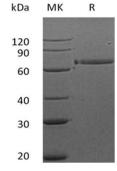
Upon receipt, store it immediately at the temperature listed below.

Storage Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.

Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Receptor tyrosine-protein kinase erbB-3 is an enzyme that in humans is encoded by the ERBB3 gene. This gene encodes a member of the epidermal growth factor receptor (EGFR) family of receptor tyrosine kinases. ERBB3 belongs to the protein kinase superfamily,tyr protein kinase family and EGF receptor subfamily. It contains 1 protein kinase domain and it is expressed in Epithelial tissues and brain. This membrane-bound protein has a neuregulin binding domain but not an active kinase domain. It therefore can bind this ligand but not convey the signal into the cell through protein phosphorylation. However, it

does form heterodimers with other EGF receptor family members which do have kinase activity.



SDS-Page

Background

