Product Name: Recombinant Human HER3 (C-6His)
Catalog #: PHH2135

Summary

Name	HER3/Receptor Tyrosine-Protein Kinase ErbB-3/ERBB3 (Ser20-Thr643)
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Receptor Tyrosine-Protein Kinase ErbB-3 is produced by our Mammalian expression system and the target gene encoding Ser20-Thr643 is expressed with a 6His tag at the C-terminus.
Accession #	P21860
Host	Human Cells
Species	Human
Predicted Molecular Mass	69.5 KDa
Formulation	Supplied as a 0.2 μm filtered solution of PBS, 50% Glycerol, pH7.4.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image

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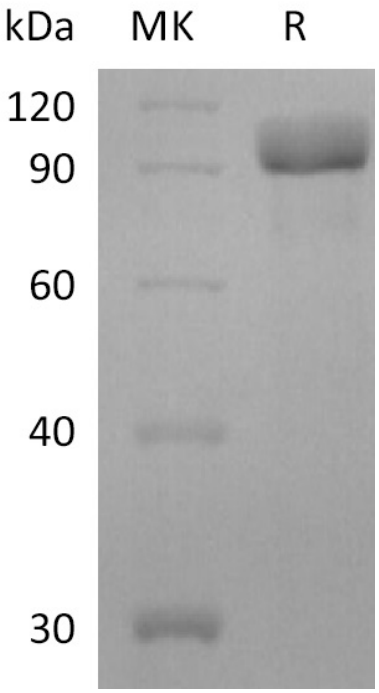

Alternative Names

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

Background

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.

Note

For Research Use Only , Not for Diagnostic Use.