

Specifications:

Gene:	<i>hERBB4</i>
Accession:	NP_005226
Insert size:	3940bp
Concentration:	10µg at 0.2µg/µL

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

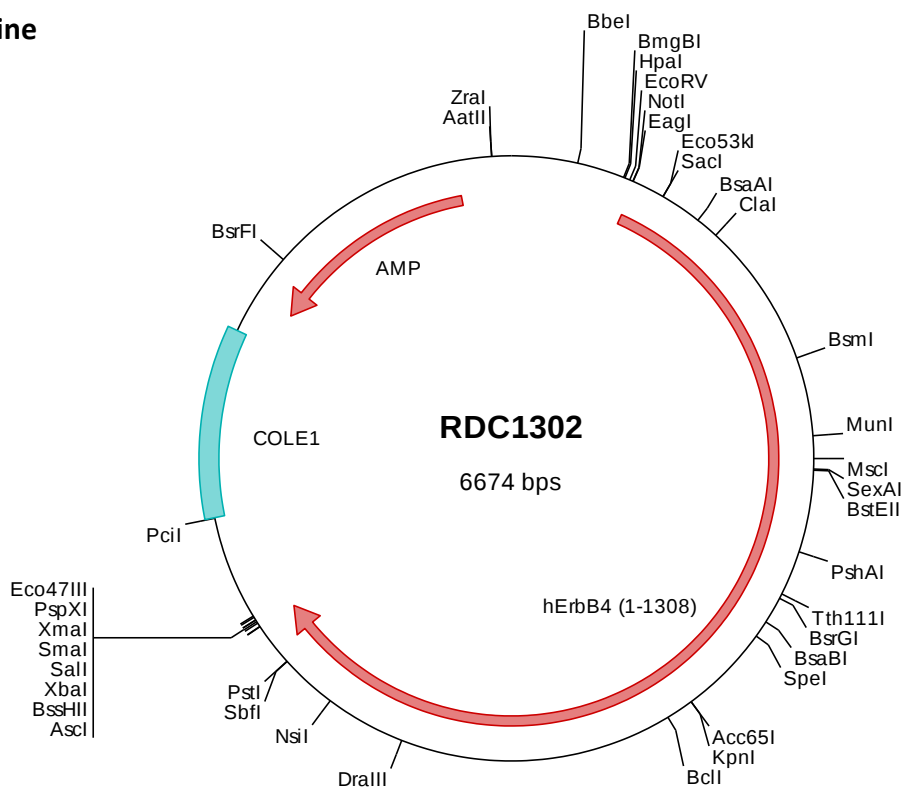
hErbB4/Her4 cDNA Plasmid

ERBB4 erb-b2 receptor tyrosine kinase 4 [*Homo sapiens* (human)]

Also known as: HER4; ALS19; p180erbB4

Summary:

ErbB4 is a receptor tyrosine kinase that is a member of the epidermal growth factor receptor subfamily. ErbB4 is expressed in normal skeletal muscle, heart, pituitary, and brain. Its ligands include the neuregulins, beta-cellulin, and heparin-binding EGF-like growth factor (HB-EGF). ErbB4 may play important roles in neuronal development, development of the heart, and cancer. Alternatively spliced transcripts encoding different proteins have been described.





> RDC1302 Plasmid DNA Sequence

```
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> RDC1302 Translated Insert Sequence

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