

## Specifications:

Gene:	mErbB3
Accession:	NP_034283
Insert size:	4033bp
Concentration:	10µg at 0.2µg/µL

## mErbB3/Her3 cDNA Plasmid

**ErbB3 v-erb-b2 erythroblastic leukemia viral oncogene homolog 3 (avian) [ *Mus musculus* (house mouse) ]**

**Also known as:** Her3; C76256; ErbB-3; ErbB3r

### Summary:

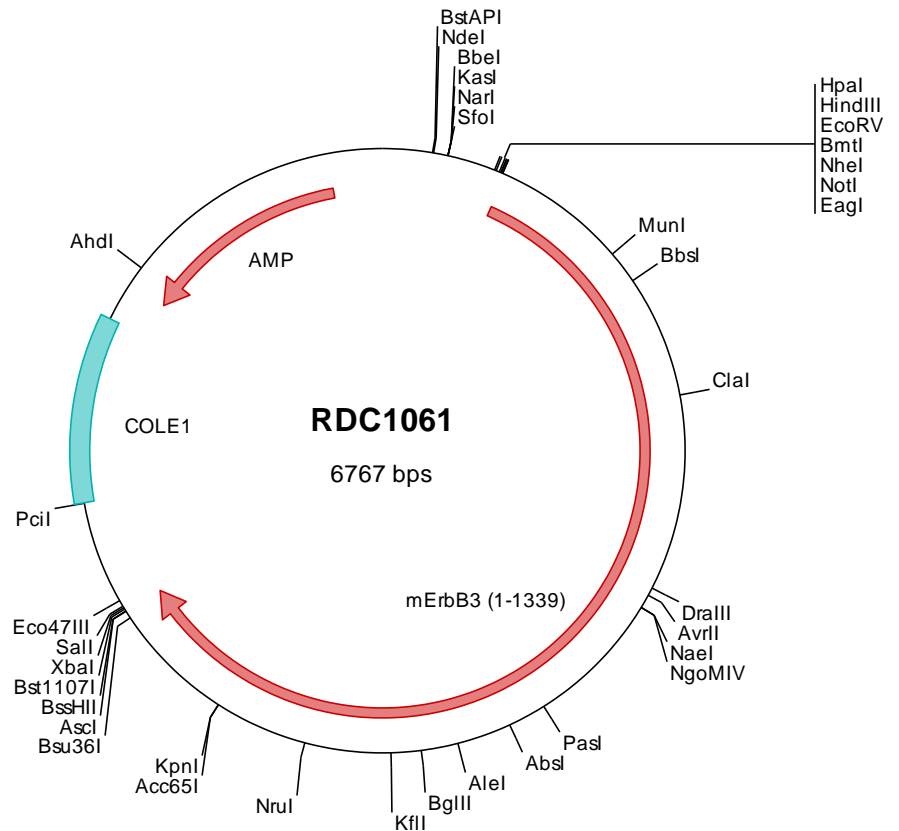
ErbB3 is a transmembrane glycoprotein that is a member of the ErbB family of tyrosine kinase receptors. ErbB family members serve as receptors for the EGF family of growth factors. Among ErbB family members, only ErbB3 lacks a working kinase domain, requiring heterodimerization with another ErbB receptor for signaling. ErbB3 is found in epithelial cell layers of gastrointestinal, reproductive, urinary, endocrine and nervous systems, skin, and muscle. The heterodimer of ErbB3 and ErbB2 is expressed in the majority of breast, skin, ovary, and gastrointestinal tumors and transduces a highly mitogenic signal in response to neuregulin 1.

## 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.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS



> RDC1061 Plasmid DNA Sequence

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### > RDC1061 Translated Insert Sequence

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