

Product datasheet for MR211935

ErbB3 (BC106091) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ErbB3 (BC106091) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ErbB3
Synonyms:	C76256; ErbB-3; ErbB3r; Her3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR211935 representing BC106091 Red=Cloning site Blue=ORF Green=Tags(s)

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GCC**CGATCGCC**

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Protein Sequence: >MR211935 representing BC106091
 Red=Cloning site Green=Tags(s)

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Restriction Sites:

SgfI-MluI

Cloning Scheme:

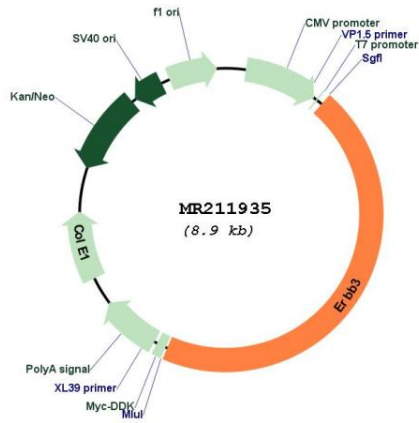


ACCN: BC106091

ORF Size: 4017 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	BC106091.1
RefSeq Size:	4911 bp
RefSeq ORF:	4019 bp
Locus ID:	13867
Cytogenetics:	10 77.1 cM
MW:	147.6 kDa
Gene Summary:	Tyrosine-protein kinase that plays an essential role as cell surface receptor for neuregulins. Binds to neuregulin-1 (NRG1) and is activated by it; ligand-binding increases phosphorylation on tyrosine residues and promotes its association with the p85 subunit of phosphatidylinositol 3-kinase. May also be activated by CSPG5. Involved in the regulation of myeloid cell differentiation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR211935