

## Product datasheet for **MR211935L3V**

### **ErbB3 (BC106091) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	ErbB3 (BC106091) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	ErbB3
Synonyms:	C76256; ErbB-3; ErbB3r; Her3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	BC106091
ORF Size:	4017 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211935).
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. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">BC106091.1</a>
RefSeq Size:	4911 bp
RefSeq ORF:	4019 bp
Locus ID:	13867
Cytogenetics:	10 77.1 cM



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**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]