

Product datasheet for RR209883L3

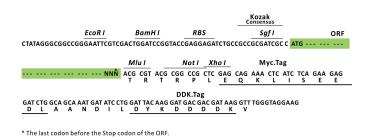
Nrg2 (NM_001136151) Rat Tagged Lenti ORF Clone

Product data:

OriGene Technologies, Inc.

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Product Type:	Expression Plasmids		
	•		
Product Name:	Nrg2 (NM_001136151) Rat Tagged Lenti ORF Clone		
Tag:	Myc-DDK		
Symbol:	Nrg2		
Synonyms:	Ntak; NTAK_alpha2a		
Mammalian Cell Selection:	Puromycin		
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)		
E. coli Selection:	Chloramphenicol (34 ug/mL)		
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR209883).		
Restriction Sites:	Sgfl-Mlul		
Cloning Scheme:			
	Cloning sites used for ORF Shuttling:		
	Sgf1 ORF Mlu I GCG ATC GC ATG // NNÑ ACG CGT		



ACCN:	
ORF Size:	

NM_001136151 2580 bp



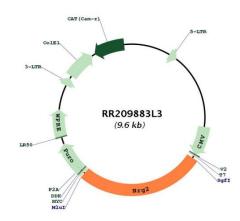
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Service Nrg2 (NM_001136151) Rat Tagged Lenti ORF Clone – RR209883L3	
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene 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. <u>More info</u>
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	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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:	<u>NM 001136151.1, NP 001129623.1</u>
RefSeq Size:	3077 bp
RefSeq ORF:	2583 bp
Locus ID:	432361
UniProt ID:	<u>035569</u>
Cytogenetics:	18p11
Gene Summary:	Direct ligand for ERBB3 and ERBB4 tyrosine kinase receptors. Concomitantly recruits ERBB1 and ERBB2 coreceptors, resulting in ligand-stimulated tyrosine phosphorylation and activation of the ERBB receptors. May also promote the heterodimerization with the EGF receptor. [UniProtKB/Swiss-Prot Function]

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Product images:



Circular map for RR209883L3

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