

Product datasheet for **RR209883L4V**

Nrg2 (NM_001136151) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Nrg2 (NM_001136151) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Nrg2
Synonyms:	Ntak; NTAK_alpha2a
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001136151
ORF Size:	2580 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR209883).
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.
RefSeq:	NM_001136151.1 , NP_001129623.1
RefSeq Size:	3077 bp
RefSeq ORF:	2583 bp
Locus ID:	432361
UniProt ID:	O35569
Cytogenetics:	18p11



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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]