

Product datasheet for RR214060L4

Nox3 (NM_001004216) Rat Tagged Lenti ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nox3 (NM_001004216) Rat Tagged Lenti ORF Clone
Tag:	mGFP
Symbol:	Nox3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
E. coli Selection:	Chloramphenicol (34 ug/mL)
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR214060).
Restriction Sites:	Sgfl-MluI
Cloning Scheme:	

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF.



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RefSeq ORF:	1707 bp
Locus ID:	292279
UniProt ID:	<u>Q672K1</u>
Cytogenetics:	1q11
Gene Summary:	NADPH oxidase which constitutively produces superoxide upon formation of a complex with CYBA/p22phox. Plays a role in the biogenesis of otoconia/otolith, which are crystalline structures of the inner ear involved in the perception of gravity (By similarity). [UniProtKB/Swiss-Prot Function]