

Product datasheet for **RR200990L4V**

Noxa1 (NM_001100171) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Noxa1 (NM_001100171) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Noxa1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001100171
ORF Size:	1338 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR200990).
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_001100171.1 , NP_001093641.1
RefSeq Size:	1378 bp
RefSeq ORF:	1341 bp
Locus ID:	311793
UniProt ID:	A7E3N7
Cytogenetics:	3p13



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Gene Summary:

Functions as an activator of NOX1, a superoxide-producing NADPH oxidase. Functions in the production of reactive oxygen species (ROS) which participate in a variety of biological processes including host defense, hormone biosynthesis, oxygen sensing and signal transduction. May also activate CYBB/gp91phox and NOX3 (By similarity).[UniProtKB/Swiss-Prot Function]