

Product datasheet for **MR205075L4V**

Ncf4 (NM_008677) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Ncf4 (NM_008677) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ncf4
Synonyms:	AI451400; p40phox
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_008677
ORF Size:	1020 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR205075).
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_008677.1 , NP_032703.1
RefSeq Size:	1463 bp
RefSeq ORF:	1020 bp
Locus ID:	17972
UniProt ID:	P97369
Cytogenetics:	15 37.1 cM



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Gene Summary:

Component of the NADPH-oxidase, a multicomponent enzyme system responsible for the oxidative burst in which electrons are transported from NADPH to molecular oxygen, generating reactive oxidant intermediates. It may be important for the assembly and/or activation of the NADPH-oxidase complex.[UniProtKB/Swiss-Prot Function]