

Product datasheet for **MR216123L4V**

Nosip (NM_001163684) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Nosip (NM_001163684) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Nosip
Synonyms:	2310061K06Rik; CGI-25
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001163684
ORF Size:	828 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR216123).
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_001163684.1 , NP_001157156.1
RefSeq Size:	2059 bp
RefSeq ORF:	831 bp
Locus ID:	66394
UniProt ID:	Q9D6T0
Cytogenetics:	7 B3



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Gene Summary:

E3 ubiquitin-protein ligase that is essential for proper development of the forebrain, the eye and the face. Catalyzes monoubiquitination of serine/threonine-protein phosphatase 2A (PP2A) catalytic subunit PPP2CA/PPP2CB (PubMed:25546391). Negatively regulates nitric oxide production by inducing NOS1 and NOS3 translocation to actin cytoskeleton and inhibiting their enzymatic activity (By similarity).[UniProtKB/Swiss-Prot Function]