

## Product datasheet for **MR225446L4V**

### **NdrG4 (NM\_145602) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	NdrG4 (NM_145602) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	NdrG4
Synonyms:	D8Bwg1337e; Ndr1-rs; Ndr4; R74996; SMAP-8
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_145602
ORF Size:	1020 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR225446).
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. <a href="#">More info</a>
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:	<a href="#">NM_145602.3</a>
RefSeq Size:	2927 bp
RefSeq ORF:	1020 bp
Locus ID:	234593
UniProt ID:	<a href="#">Q8BTG7</a>
Cytogenetics:	8 D1



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**Gene Summary:**

Contributes to the maintenance of intracerebral BDNF levels within the normal range, which is necessary for the preservation of spatial learning and the resistance to neuronal cell death caused by ischemic stress. May enhance growth factor-induced ERK1 and ERK2 phosphorylation. May attenuate NGF-promoted ELK1 phosphorylation in a microtubule-dependent manner.[UniProtKB/Swiss-Prot Function]