

Product datasheet for **MR225179L3V**

Pde5a (NM_153422) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Pde5a (NM_153422) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Pde5a
Synonyms:	Cgbpde; Cn5n; Pde5; Pde5a1; PDE5a2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_153422
ORF Size:	2595 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR225179).
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_153422.2 , NP_700471.2
RefSeq Size:	6728 bp
RefSeq ORF:	2598 bp
Locus ID:	242202
UniProt ID:	Q8CG03
Cytogenetics:	3 G1
Gene Summary:	Plays a role in signal transduction by regulating the intracellular concentration of cyclic nucleotides. This phosphodiesterase catalyzes the specific hydrolysis of cGMP to 5'-GMP. Specifically regulates nitric-oxide-generated cGMP.[UniProtKB/Swiss-Prot Function]



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