

Product datasheet for **MR225507L3V**

Nphp3 (NM_172460) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Nphp3 (NM_172460) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Nphp3
Synonyms:	3632410F03Rik; AI550417; C230078J01; D330020E01Rik; pcy
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_172460
ORF Size:	1386 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR225507).
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_172460.1 , NP_766048.1
RefSeq Size:	2107 bp
RefSeq ORF:	1389 bp
Locus ID:	74025
UniProt ID:	Q7TNH6
Cytogenetics:	9 56.11 cM

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Gene Summary:

Required for normal ciliary development and function. Inhibits disheveled-1-induced canonical Wnt-signaling activity and may also play a role in the control of non-canonical Wnt signaling that regulates planar cell polarity. Probably acts as a molecular switch between different Wnt signaling pathways. Required for proper convergent extension cell movements. [UniProtKB/Swiss-Prot Function]