

Product datasheet for **MR211297L4V**

Kif5c (NM_008449) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Kif5c (NM_008449) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Kif5c
Synonyms:	Khc; KINN; NKHC; NKHC2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_008449
ORF Size:	2868 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211297).
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_008449.2
RefSeq Size:	6867 bp
RefSeq ORF:	2871 bp
Locus ID:	16574
UniProt ID:	P28738
Cytogenetics:	2 28.68 cM



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Gene Summary:

Involved in synaptic transmission (By similarity). Kinesin is a microtubule-associated force-producing protein that may play a role in organelle transport. Mediates dendritic trafficking of mRNAs (PubMed:19608740). Required for anterograde axonal transportation of MAPK8IP3/JIP3 which is essential for MAPK8IP3/JIP3 function in axon elongation (By similarity).[UniProtKB/Swiss-Prot Function]