

Product datasheet for **MR223732L3V**

Unc5a (NM_153131) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Unc5a (NM_153131) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Unc5a
Synonyms:	mKIAA1976; Unc5h1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_153131
ORF Size:	2694 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR223732).
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_153131.3
RefSeq Size:	3974 bp
RefSeq ORF:	2697 bp
Locus ID:	107448
UniProt ID:	Q8K1S4
Cytogenetics:	13 B1



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Gene Summary:

Receptor for netrin required for axon guidance. Functions in the netrin signaling pathway and promotes neurite outgrowth in response to NTN1. Mediates axon repulsion of neuronal growth cones in the developing nervous system in response to netrin. Axon repulsion in growth cones may be mediated by its association with DCC that may trigger signaling for repulsion. It also acts as a dependence receptor required for apoptosis induction when not associated with netrin ligand.[UniProtKB/Swiss-Prot Function]