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Product datasheet for MR223378L4V

Fuz (NM_027376) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Fuz (NM_027376) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Fuz
Synonyms:	2600013E07Rik; b2b1273Clo
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_027376
ORF Size:	1245 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(MR223378).`
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_027376.3, NP_081652.2
RefSeq Size:	1715 bp
RefSeq ORF:	1248 bp
Locus ID:	70300
UniProt ID:	Q3UYI6
Cytogenetics:	7 28.99 cM

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Gene Summary: Probable planar cell polarity effector involved in cilium biogenesis. May regulate protein and membrane transport to the cilium. Proposed to function as core component of the CPLANE (ciliogenesis and planar polarity effectors) complex involved in the recruitment of peripheral IFT-A proteins to basal bodies (PubMed:19877275, PubMed:19767740, PubMed:27158779). May regulate the morphogenesis of hair follicles which depends on functional primary cilia (PubMed:20962855).[UniProtKB/Swiss-Prot Function]