

Product datasheet for **RC229638L4V**

C19orf50 (KXD1) (NM_001171949) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	C19orf50 (KXD1) (NM_001171949) Human Tagged ORF Clone Lentiviral Particle
Symbol:	C19orf50
Synonyms:	BORCS4; C10orf50; C19orf50; KXDL; MST096; MSTP096
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001171949
ORF Size:	528 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC229638).
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_001171949.1 , NP_001165420.1
RefSeq Size:	1496 bp
RefSeq ORF:	531 bp
Locus ID:	79036
UniProt ID:	Q9BQD3
Cytogenetics:	19p13.11
MW:	19.6 kDa



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Gene Summary:

As part of the BORC complex may play a role in lysosomes movement and localization at the cell periphery. Associated with the cytosolic face of lysosomes, the BORC complex may recruit ARL8B and couple lysosomes to microtubule plus-end-directed kinesin motor (PubMed:25898167). May be involved in the biogenesis of lysosome-related organelles such as melanosomes (By similarity).[UniProtKB/Swiss-Prot Function]