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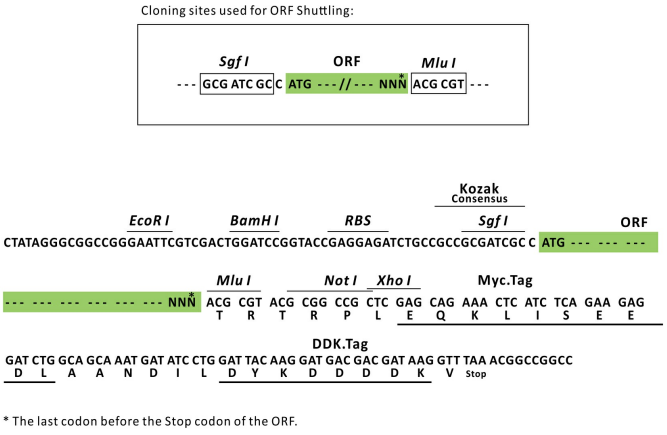
Product datasheet for RC205977L1

MOBKL2B (MOB3B) (NM_024761) Human Tagged Lenti ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MOBKL2B (MOB3B) (NM_024761) Human Tagged Lenti ORF Clone
Tag:	Myc-DDK
Symbol:	MOBKL2B
Synonyms:	C9orf35; MOB1D; MOBKL2B
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
E. coli Selection:	Chloramphenicol (34 ug/mL)
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205977).
Restriction Sites:	SgfI-MluI
Cloning Scheme:	



ACCN:	NM_024761
ORF Size:	648 bp

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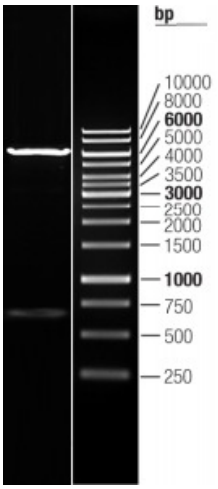
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially 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.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_024761.3
RefSeq Size:	6528 bp
RefSeq ORF:	651 bp
Locus ID:	79817
UniProt ID:	Q86TA1
Cytogenetics:	9p21.2
Domains:	Mob1_phocein
MW:	25.5 kDa
Gene Summary:	The protein encoded by this gene shares similarity with the yeast Mob1 protein. Yeast Mob1 binds Mps1p, a protein kinase essential for spindle pole body duplication and mitotic checkpoint regulation. This gene is located on the opposite strand as the interferon kappa precursor (IFNK) gene. [provided by RefSeq, Jul 2008]

Product images:



Double digestion of RC205977L1 using SgfI and MluI