

Product datasheet for **RC229637**

C19orf50 (KXD1) (NM_001171948) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C19orf50 (KXD1) (NM_001171948) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	C19orf50
Synonyms:	BORCS4; C10orf50; C19orf50; KXDL; MST096; MSTP096
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC229637 representing NM_001171948 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACCTCCCGACTCGGCTCGAGGGTCTTCTGCGGCCGATCCTGAGCATGGTGAACACAGATGATG
TCAACGCCATCATCTGGCCAGAAACATGCTGGACCGCTTTGAGAAGACCAATGAGATGCTGCTCAA
CTTCAACAACCTGTCCAGTGCCTGCAGCAGATGAGCGAACGCTTCTGCACCACACGAGGACCCTA
GTAGAGATGAAACGGGACCTGGACAGCATCTCCGCCGATCAGGACGCTGAAAGGGAACTGGCCAGGC
AGCACCCAGAGGCCTTCAGCCATATCCCAGAGGCATCCTCCTGGAGGAAGAGGATGAAGACCCCATCCC
ACCCAGCACCACGACCACCATTCACCTCAGAACAGAGCACGGGCTCATGTGACACCAGCCCCGACACC
GTCTCGCCCTCCCTGAGCCCCGGCTTCGAGGACCTGTCCCATGTCCAGGCTGGCTCCCCAGCCATCAACG
GCCGACCCAGACAGATGACGAGGAGATGACGGGCGAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC229637 representing NM_001171948 Red=Cloning site Green=Tags(s)
-------------------	---

MDLPDSASRVFCGRILSMVNTDDVNAIILAQKNMLDRFEKTNEMLLNFNNLSSARLQQMSERFLHHRTL
VEMKRDLSIFRRIRTLKGLARQHPEAFSHIPEASFLEEDEDPIPPSTTTTIIATSEQSTGSCDTPD
VSPSLSPGFEDLSHVQAGSPAINGRSQTDDEEMTGE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:	https://cdn.origene.com/chromatograms/ja1461_a10.zip
----------------	---

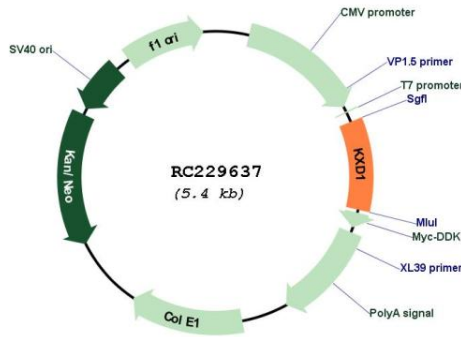


[View online »](#)

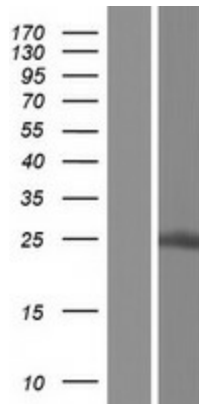
MW: 20.1 kDa

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]

Product images:



Circular map for RC229637



Western blot validation of overexpression lysate (Cat# [LY432637]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC229637 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).