

Product datasheet for MC206957

Kxd1 (NM_029366) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kxd1 (NM_029366) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Kxd1
Synonyms:	0610030B01Rik; 2810422J05Rik; C78305
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC206957 representing NM_029366. Blue=ORF Red=Cloning site Green=Tag(s)

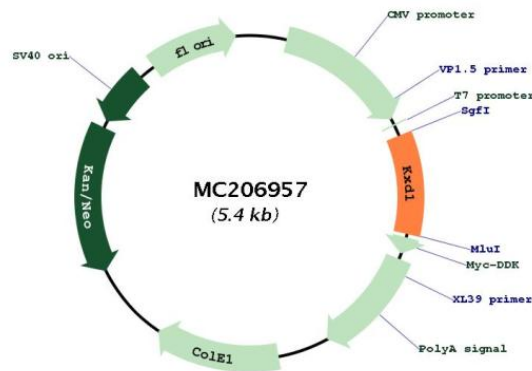
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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGACACCCAGACTCAGCCTCAAGGGTCTTCTGTGGCCGTTCTCAGCATGGTGAACACTGATGAT
GTCAATGCCATAATCCTGGCCCAGAAGAATATGCTGGACCGTTTCGAGAAAACCAACGAGATGCTTCTG
AACTTCAACAATCTGTCCAGTGTGCGGCTGCAACAGATGAGTGAGCGTTCATGCACCATACCCGCACC
TTGGTGGACATGAAACGGGATCTGGACAGCATTTCGGAAGGATCAGGACTGAAGGGGAAGCTAGCC
CGGCAGCACCCAGAGGCCTTCAGCCACATCCAGAGGGTTCATTCTAGAGGATGAAGATGAAGACCCT
ATCCCACCCAGTATCACCACAACCATCGCCACCTCGGAGCAGAGCACGGGCTCCTGTGACACCAGCCCT
GACACGGTCTCGCCATCCCTAAGTCCTGGCTTTGAGGACCTATCACACATTCAACCTGGCTCTCCTGCC
ATCAACGGCCACAGACAGACAGATGATGAGGAAGAGACACATGAAGAAATAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites: Sgfl-Mlul



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Plasmid Map:



ACCN: NM_029366

Insert Size: 534 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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_029366.2](#)

RefSeq Size: 1236 bp

RefSeq ORF: 534 bp

Locus ID: 75620

UniProt ID: [Q80XH1](#)

Cytogenetics: 8 B3.3

MW: 20 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 (By similarity). May also be involved in the biogenesis of lysosome-related organelles such as melanosomes (PubMed:22554196).[UniProtKB/Swiss-Prot Function]