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Product datasheet for MC206358

Ccdc132 (BC036294) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccdc132 (BC036294) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ccdc132
Synonyms:	BLM, mKIAA1861
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>BC036294

GCCGGCTGTCTGGTGGGATTATGTGATTTGTTACTTCTCCGAGGCAGGGTAATTGTCTCTCGACTTCGAC
ATGCAAAAAATCAAATCTCTCATGACCCGGCAGGGTCTGAAGAGCCCTCCGGAGAGCCTCAATGATCTTG
GTGCCTTTGAGAGCCTTCGGGTCCCTGGAAAGGAGGAATTCAGGGAGCTTCGAGAACAGCCAAGCGACCC
TCAAGCTGAGCAAGAGTTGATTAATAGCATTGAACAAGTCTATTTTTCTGCGGATCCATTTGATATTGTT
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TGAGATAGACAGGCCTAAAAGATAATGAACAGAGCTCTTTCCTCGGGGACATTGATCTTCTTTCGGCCTG
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AATTTTTAAAAAATGTAAGTAAAATAGTTGGAAAATCAATATGTTCTCTGTTTTTAACTGTCAGAGCTTC
TGCCAGTGTTAATTTGGCTATAACAGTGATCATAAATGATGAAATTTAATAAATGTTACACTCTAAAATT AAAAAAAAAAAAAAAA

Restriction Sites:	RsrII-NotI
ACCN:	BC036294
Insert Size:	2895 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC036294, AAH36294
RefSeq Size:	3516 bp
RefSeq ORF:	2895 bp
Locus ID:	73288
Cytogenetics:	6 A1
Gene Summary:	Acts as component of the EARP complex that is involved in endocytic recycling. The EARP complex associates with Rab4-positive endosomes and promotes recycling of internalized transferrin receptor (TFRC) to the plasma membrane. Within the EARP complex, required to tether the complex to recycling endosomes. Not involved in retrograde transport from early and late endosomes to the trans-Golgi network (TGN).[UniProtKB/Swiss-Prot Function]