

Product datasheet for **SC106059**

CCDC132 (BC017888) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC132 (BC017888) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCDC132
Synonyms:	CCDC132; VPS54L
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for BC017888, the custom clone sequence may differ by one or more nucleotides

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ATGCAAAAATCAAATCTCTCATGACCCGACAGGGTCTGAAAAGCCCTCAAGAAAGCCTCAGTGATCTTG
GTGCCATAGAGAGTCTCCGGTCCCTGAAAGGAAGAATTCAGGGAACCTCGAGAACAGCCAAGTGACCC
TCAAGCTGAACAAGAGCTTATTAATAGTATTGAACAAGTATATTTTTCTGTGGATTCATTTGATATTGTT
AAATATGAGCTGGAGAAGCTTCCACCTGTTCTCAATTTGCAAGAATTAGAGGCGTATAGAGACAAAATTGA
AACACAGCAAGCTGCAGTATCTAAAAAGTGGCAGATTTAATCCTTGAAAAACAGCCTGCTTATGTAAA
GGAACCGAAAGAGTTACCTCATTGCAGACAGGTCTTCAATTAGCTGCTGTTATCTGTACAAATGGGAGA
AGACACTTGAATATTGCAAAGGAAGGTTTTACTCAAGCTAGTTTAGGCCTTCTTGCAAATCAAAGGAAAC
GTCAGTTGCTGATTGGACTTCTGAAATCTCGAGAACTATAAAAAATTGCAAAGAACAGATGTACGGTT
AAGTGAATGCTGGAGGAGGAAGATTATCCAGGAGCTATTCAGTTGTGCCTTGAATGTCAAAAAGCTGCC
AGCACTTTTAAACATTACAGTTGTATAAGTGAAGTGAATTCAAAGCTGCAAGATACTTTGGAACAGATTG
AGGAACAGCTGGACGTAGCTCTTCCAAAATCTGCAAGAATTTTGACATTAACCATTATACCAAGGTTCA
ACAAGCTTATCGACTTCTTGAAAAACACAGACAGCAATGGATCAACTTCATATGCACTTCAACCAAGCC
ATTCACAACACCGTGTTCAGTTGTTCTTGTTATGTGGAATATGTGCAGGAAACACAGACACAAAAT
TCCAAAAGCTGCAATATAAGGATCTCTGTACAGTATGTAGTGACTTAATTACTATTATATCTCTCCT
TTAG
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5' Read Nucleotide Sequence:	>OriGene 5' read for BC017888 unedited GGGTACACCAATTTGTNATACGACTCACTATAGGGCGGCCGAAATTCGCACGAGGGGG CCAGCTGTGTAGTGGCTCGGTGTGATTTGTTAGCTCTTTGAGGCAGGGTACCCCTCCTCAG GATTTTCGATATGCAAAAAATCAAATCTCTCATGACCCGACAGGGTCTGAAAAGCCCTCAA GAAAGCCTCAGTGATCTTGGTGCCATAGAGAGTCTCCGGTCCCTGAAAAGGAAGAATTC AGGGAACCTCGAGAACAGCCAAGTGACCCTCAAGCTGAACAAGAGCTTATTAATAGTATT GAACAAGTATATTTTTCTGTGGATTCATTTGATATTGTTAAATATGAGCTGGAGCTTCCA CCTGTTCTCAATTTGCAAGAATTAGAGGCGTATAGAGACAAATTGAAACAACAGCAAGCT GCAGTATCTAAAAAGTGGCAGATTTAATCCTTGAAAAACAGCCTGCTTATGTAAAGGAA CTTGAAAGAGTTACCTCATTGCAGACAGGTCTTCAATTAGCTGTGTTATCTGTACAAAT GGGAGAAGGTATTGCTTTTGATGATATTTTGTCTTTAAGCTGGACAATATTTCAAGAAT AACTATGGAATCTATAATTTATAATTGATTTTTTAAATTATGGATGTGGTTTCTAGAATA TCATTCTTAAGTGAACATATATCATGATCTAAAGACTACACTAAGAAGGTTTGTGGGAA ATATCTCTAAGTGTACTTATGGGTTTTAAAAAATTACTATNTTATATTATNACTAA TGCTCCACAACTGTTTGTGCGTAAAGCACCTACTTTTTCTTTCTAAATTTCCAATCTG TTACAAGCTGTGATTTTTTAAAAATGCACATAAAACAAATCTTTGCAAATGAATTAAGAAG GAAGACATATACAGCCTAATTTTTTTAATATTAGAGCCCA
Restriction Sites:	NotI-NotI
ACCN:	BC017888
Insert Size:	5000 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:	<ol style="list-style-type: none"> 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:	<u>BC017888.1</u> , <u>AAH17888.1</u>
RefSeq Size:	1216 bp
RefSeq ORF:	984 bp
Locus ID:	55610
Cytogenetics:	7q21.2-q21.3

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]