

Product datasheet for SC123132

REEP6 (NM_138393) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	REEP6 (NM_138393) Human Untagged Clone
Tag:	Tag Free
Symbol:	REEP6
Synonyms:	C19orf32; DP1L1; REEP6.1; REEP6.2; RP77; TB2L1; Yip2f
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_138393 edited

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GGAGCATCGCGGCTCAGGCTGCGGAAAGCGGTGCGCGTGACGCGGGTGGGTGCCCTGG
TCCGCGGGCGAGCTCGAGCAGCCAACCCGGGCGCGTCGGGGCCATGGACGGCCTGAGGC
AGCGCGTGGAGCACTTCCTGGAGCAAAGGAACCTGGTCACCGAAGTGCTGGGGCGCTGG
AGGCCAAGACCGGGTGGAGAAGCGGTATCTGGCTGCAGGAGCCGTCACCTGCTAAGCC
TGTATCTGCTGTTGCGCTACGGAGCGTCTCTGCTGTGCAATCTCATCGGATTTGTGTACC
CCGCATATGCCTCAATCAAAGCTATCGAGAGCCCAAGCAAGGACGACGACACTGTGTGGC
TCACCTACTGGTGGTGTACGCCCTGTTGGGCTGGCCGAGTTCTTCAGCGATCTACTCC
TGTCTGGTTCCTTTCTACTACGTGGGCAAGTGCCTTCTGTTGTTCTGCATGGCTC
CCAGGCCCTGGAACGGGGCTCTCATGCTGTATCAGCGCGTCGTGCGTCCGCTGTTCTAA
GGCACCACGGGGCCGTAGACAGAATCATGAACGACCTCAGCGGGCGAGCCCTGGACGCGG
CGGCCGAATAACCAGGAACGTCAAGCCAAGCCAGACCCCGCAGCCGAAGGACAAGTGAA
GCAGCCCCCTGAGCCTCACAAGGACCTCCTGGCTGGTGAGGAGGGGGCCGCGCCAGGCTC
CCAGGCCCTCCACAGAGTCTTCAGCGCATCCCCAACAGCAGCCCCCTGCCAGTCCCTCGGG
TCCAGGCAAGGCCCTGGGGTCTCCTTAAATGCCACCTCGGGCAAGTCCCAGTCCCAGTC
CTCGGCCACCCCAAGTCTGGATCCCAGGGCCAGCTGCCCTCTGGCTCTGGCTGTGGCTC
CCGCTGTCCGGCAGGGCCAGGGCCAGCGTCGGGCACAGGGCAGCTCCCACTGGTCTCG
GCAACACACCCAGCCGCTGGTACTTCTCCAGCCCCCTCCAGTCAGCCCTCCCGTCTC
GGGGCCCTGCAGCCACCAACGTCACCTCCAGCCCGTCTCAGCCATGGTCCAGTCTCC
CAGCAGCAGCAACATCCCCACGCGAGCCCCAGCAAGTCTCTGGCAAGCCGGAGGACGC
AGCCCCCAAGACCAGCGACAGCGCCAGAAGGAATCGTCGAAACAGCCTGCCAGCAGCGC
CTCAGTGCCCGAGCTGGTCCCCTGCCATTCCGGGACCTCTCTGGAGTACACTTCGGAGTC
CACCACCGAGATCACCTGCAGCTGGCCACACCACAGGCCCCCGTCCCTGCAGCACTACTG
GTGCTGAAACACCTGGCTGCTAGGAGGCTCCAATAAAGCTAACCCGGACCAAAAAA
AAAAAAAAAAAA
  
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_138393 unedited <pre> NGGGACTAGAGTTTGTAAATACCACTTTATATAGGCGGCCGCGACTTCCCGGGATATCGTC GACCCACGCGTCCGCCACGCGTCCGGGAGCATCGCGGCTCAGGCTGCGGGAAAGCGGTG CGCGTGCAGCGGGGTGGGTGCCCTGGTCCGCGGGCGAGCTCGAGCAGCAACCCCGGGCG CGTCGGGGCCATGGACGGCCTGAGGCAGCGCTGGAGCACTTCTGGAGCAAAGGAACCT GGTCACCGAAGTGCTGGGGGCGCTGGAGGCCAAGACCGGGGTGGAGAAGCGGTATCTGGC TGCAGGAGCCGCTACTCTGCTAAGCCTGTATCTGCTGTTTCGGCTACGGAGCGTCTCTGCT GTGCAATCTCATCGGATTTGTGTACCCCGCATATGCCTCAATCAAAGCTATCGAGAGCCC AAGCAAGGACGACGACACTGTGTGGCTCACCTACTGGGTGGTGTACGCCCTGTTTGGGCT GGCCGAGTTCTTCAGCGATCTACTCCTGTCTGTTCCCTTTCTACTACGTGGGCAAGTG CGCCTTCTGTTGTTCTGCATGGCTCCAGGCCCTGGAACGGGGCTCTCATGCTGTATCA GCGCGTCGTGCGTCCGCTGTTCTAAGGCACCACGGGGCCGTAGACAGAATCATGAACGA CCTCAGCGGGCGAGCCCTGGACGCGGCGGCCGAATAACCAGGAACGTCAAGCCAAGCCA GACCCCGCAGCCGAAGGACAAGTGAAGCAGCCCCCTGAGCCTCACAAGGACCTCTGGCT GGTGAGGGAGGGGCCGCGCCAGGCTCCAGGCCNCACAGAGTCTTCAGCGCATCCCCCA CAGCAGCCCTGCCAGTCCCTCGGTCCAGGCAAGGCCCTGGGGTCTNCTTAAATGCCA CCTCGGGCAAGTCCAA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_138393
Insert Size:	1400 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:	<u>NM_138393.1</u> , <u>NP_612402.1</u>
RefSeq Size:	1393 bp
RefSeq ORF:	555 bp
Locus ID:	92840
UniProt ID:	<u>Q96HR9</u>
Cytogenetics:	19p13.3

Protein Families: Druggable Genome, Transmembrane

Gene Summary: The protein encoded by this gene may be involved in the transport of receptors from the endoplasmic reticulum (ER) to the cell surface. The encoded protein may also play a role in regulating ER membrane structure. This gene is required for the proper development of retinal rods and photoreceptors, with defects in this gene being associated with retinitis pigmentosa 77. [provided by RefSeq, May 2017]
Transcript Variant: This variant (2) lacks an alternate in-frame exon compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is shorter compared to isoform 1.