

Product datasheet for **SC100406**

REEP5 (NM_005669) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	REEP5 (NM_005669) Human Untagged Clone
Tag:	Tag Free
Symbol:	REEP5
Synonyms:	C5orf18; D5S346; DP1; POB16; TB2; Yip2e; YOP1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC100406 sequence for NM_005669 edited (data generated by NextGen Sequencing)

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ATGTCGCGGCCATGAGGGAGAGGTTGACCGGTTCTGCACGAGAAGAACTGCATGACT
GACCTTCTGGCCAAGCTCGAGGCCAAAACCGGCGTGAACAGGAGCTTCATCGCTCTGGT
GTCATCGGACTGGTGGCCTTGTACCTGGTGTTCGGTTATGGAGCCTCTCTCCTCTGCAAC
CTGATAGGATTTGGCTACCCAGCCTACATCTCAATTAAGCTATAGAGAGTCCCAACAAA
GAAGATGATACCCAGTGGCTGACCTACTGGGTAGTGTATGGTGTGTTTCAGCATTGCTGAA
TTCTTCTCTGATATCTTCTGTCATGGTCCCCTTCTACTACATGCTGAAGTGTGGCTTC
CTGTTGTGGTGCATGGCCCCGAGCCCTTCTAATGGGGCTGAAGTCTCTACAAGCGCATC
ATCCGTCCTTTCTTCTGAAGCACGAGTCCCAGATGGACAGTGTGGTCAAGGACCTTAAA
GACAAGGCCAAAGAGACTGCAGATGCCATCACTAAAGAAGCGAAGAAAGCTACCGTGAAT
TTACTGGGTGAAGAAAAGAAGAGCACCTAA
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Clone variation with respect to NM_005669.4



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_005669 unedited NGGGGTCCAGAATTTTGTAAACGAACACTACTATAGGGCGGCCGGAATTCGCACGAGGA GACGGTCCCCGCCATGTCTGCGGCCATGAGGGAGAGGTTCCGACCGGTTCTGCACGAGAA GAACTGCATGACTGACCTTCTGGCCAAGCTCGAGGCCAAAACCGGCGTGAACAGGAGCTT CATCGCTCTTGGTGTATCGGACTGGTGGCCTTGACCTGGTGTTCGGTTATGGAGCCTC TCTCCTCTGCAACCTGATAGGATTTGGCTACCCAGCCTACATCTCAATTAAGCTATAGA GAGTCCCAACAAAGAAGATGATACCCAGTGGCTCACCTACTGGGTAGTGTATGGTGTGTT CAGCATTGCTGAATTCCTCTGATATCTTCTGTCATGGTTCCCTTCTACTACATGCT GAAGTGTGGCTTCTGTTGTGGTGCATGGCCCCGAGCCCTTAATGGGGCTGAACTGCT CTACAAGCGCATCATCCGTCCTTTCTTCTGAAGCACGAGTCCCAGATGGACAGTGTGGT CAAGGACCTTAAAGACAAGGCCAAAGAGACTGCAGATGCCACTAAAGAAGCGAAGAA AGCTACCGTGAATTTACTGGGTGAAGAAAAGAAGAGCACCTAAACCAGACTGGATGGAAA CTTCTGCCCTCTGTACCTTCTACTGGAGCTTGATGTTATATTANGGACTGTGGTAT AATTAATTTAATAATGTTGCCTTGAAACATTTTTGAGATATTAAGATGGGAATGTGTT GNAAGTCTTTGCTTACTTTTACTGGCTATATATATANGGGAGCACTTNTAACTTAATG CAGTGGGCAGTGTCCACGTTTNTGGAAATGATTTTGCCTCTGGGTAGGAAAAGAGTATG TTGCTATCCT
Restriction Sites:	NotI-NotI
ACCN:	NM_005669
Insert Size:	3000 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:	NM_005669.3 , NP_005660.3
RefSeq Size:	3000 bp
RefSeq ORF:	558 bp
Locus ID:	7905
UniProt ID:	Q00765
Cytogenetics:	5q22.2
Domains:	TB2_DP1_HVA22
Protein Families:	Druggable Genome, Transmembrane

Gene Summary: May promote functional cell surface expression of olfactory receptors.[UniProtKB/Swiss-Prot Function]