

Product datasheet for **SC322422**

REEP4 (NM_025232) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	REEP4 (NM_025232) Human Untagged Clone
Tag:	Tag Free
Symbol:	REEP4
Synonyms:	C8orf20; PP432; Yip2c
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322422
 GCAAGCCGGAGCCCTGGGGTTGGGCAGCACTCGGTTCCGTGCAACTTTCAAGTGAGTTGC
 GAACTCCGCCCTGTAGGCCGGTGTGGTGGCCCGCGCGCTGGAACCGCGGCGACCCGCT
 CCAGCGCGGGACCAGCAGCAAGGGCCGAGCGCCAGGTTCTCCGCGGCAGAAAGGGCGGGT
 GGGAGCTGTAAGTGCCTCCGCGCGGGCGCGCCCGCTCCCAAGTCGGCTTCTCCCGC
 CGGGCCGCTTTGCCTCGGGTCTCCCAATTCTCCAGTCCCCTGAACTGCACAGTCGGAG
 GCCGTGGCGGGCGGGCTCTGCCTCCGCGAGGGACAGCCGGATCGCCCTCTGCTTCCCG
 CAACTGCCCTGATCACCCCGTCCAGCCCTTGAAGTGAACGTCCTTCTGAGCGGCTTCC
 TGGGGTCTCCCCACGTCCCAAAGGCCGCAAGATGGTGTCTGGATGATCTGTCGCTG
 GTGGTGTGGTGTGGGATGCTGTGTCCAGTTATGCTTCTATAAAGGCTGTGAAGACC
 AAGAACATTCGTGAATATGTGCGGTGGATGATGACTGGATTGTTTTGCACTTTCATG
 GCAGCAGAGATCGTTACAGACATTTTTATCTCTGTTCCCTTTCTACTATGAGATCAAG
 ATGGCCTTCGTGTGTGGTGTCTCACCTACACCAAGGGCGCCAGCCTGCTTTACCGC
 AAGTTTGTCCACCGTCCCTGTCCCGCCATGAGAAGGAGATCGACGCGTACATCGTGCAG
 GCCAAGGAGCGCAGCTACGAGACCGTGTCTAGCTTCGGGAAGCGGGCCCAACATTGCC
 GCCTCCGCTGCTGTGACGGTGCACCAAGAGTCAAGGGGCGCTGGCCGCGAGGCTGCGG
 AGCTTCTCCATGCAGGACCTGCGCTCCATCTCTGACGCACCTGCCCTGCCTACCATGAC
 CCCCTCTACCTGGAGGACCAGGTGTCCACCGGAGGCCACCCATTGGGTACCGGGCCGGG
 GGCTGCAGGACAGCGACACCGAGGATGAGTGTGGTTCAGATACTGAGGCAGTCCCCCGG
 GCGCCAGCCCGGCCCCGAGAGAAGCCCTAATCCGCAGCCAGAGCCTGCGTGTGGTCAAG
 AGGAAGCCACCGGTGCGGGAGGGCACCTCGCGCTCCCTGAAGGTTTCGGACGAGGAAAAAG
 ACTGTGCCCTCAGACGTGGACAGCTAGGGTCTGCTGCATCTGCCCTTTCTTACCTCGTG
 CCCTGCAGGGCTCCAGGGCTATTTGGAGGGACCTTGGGCTGCACATCTGGCCTGCCTGCA
 CCAGCTGGCTGGGCCCCACCTCCTGACTCCTGCTGATGGTTAAGGGCCGGGAGCAGATG
 CTGCCAAGGCCACATGCAGGGATGCACCCACAATGTACCAAAGCAGGCTGGGCCAGGGT
 TCTATTTATTGCCTTGTCTGCCCTCTCCCTTCCCGGTTGTGGGACAAGAGCCCTCCCT
 GAACCCCTGCAACCCTCCCTGAACCCCTGCAAATGAAACCAAACGTCCACCTGGGTGTGT
 TCATTCCTTCTGTCTTCAAAGTACTTGATAGCCTTTCATAAGGCCTGGCACATGTGTC
 CTGGTTGTGTGTGTGTGTGGTGTGAGTGTGAGGTTTGCAGTGTGTTTGATAAATAA
 ATACATAAAGGGCAA

Restriction Sites: Please inquire

ACCN: NM_025232

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_025232.2 , NP_079508.2
RefSeq Size:	1731 bp
RefSeq ORF:	774 bp
Locus ID:	80346
UniProt ID:	Q9H6H4
Cytogenetics:	8p21.3
Domains:	TB2_DP1_HVA22
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	<p>Microtubule-binding protein required to ensure proper cell division and nuclear envelope reassembly by sequestering the endoplasmic reticulum away from chromosomes during mitosis. Probably acts by clearing the endoplasmic reticulum membrane from metaphase chromosomes.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).</p>