

Product datasheet for **SC318406**

RIPOR3 (NM_080829) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	RIPOR3
Synonyms:	C20orf175; C20orf176; FAM65C
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>SC318406 representing NM_080829.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAAATTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTCGGTGAGGTTGCGGTTCTGTCCCCTGGGGACACAGGGGCCGTGGGGTCTGTGGGCCGAGCGCC
TCCTTCGAGGCTTCAGCAGTGCACAGAGCCGAGGATCGCAAAGTCCATCAACAGGAATCCGTGAGA
TCGCGAATGCCTGCAAAATCCTCCAAGATGTACGGCAGCTGCGGAAGGGTCTGGTCTGTGCAGACCCG
AAGCCCCAGCAGGTGAAGAAGATCTTCAAGCATTGAAAAGAGGCCTCAAGGAGTATCTGTGTGTGCAG
CAGGCTGAGCTGGACCACCTGTCTGGACGCCACAAAGACACAGGAGGAATTCAGGCTGGCTTTCTAT
TATGACCTGGACAAGCAACGCGCTGTGTGAAAGGCACATTGGAAGATGGAGTTTACATCAGCAAG
GTGGATGAGCTGTACGAGGACTACTGCATCCAGTGCCGCTGCGCGACGGCGCCTCCAGCATGCAGCGG
GCCTTCGCCCGGTGCCCGGAGCCGCGCAGCCGAGAGAGCTGCAGGAGCTGGGCGCAGCCTGCAC
GAGTGCGCCGAGGACATGTGGCTCATCGAGGGGCCCTGGAGGTTACCTGGGCGAGTTCCACATCAGG
ATGAAAGGCTTGGTGGCTACGCACGCTCTGTCCCGAGACCCTATGAGGTGCTCATGCTGTGGG
CGCCAGCGTTGGAAGCTCAAGGCTCGGATCGAGTCAGATGACAGCCAGACCTGGGACGAAAGAGGAGAAG
GCCTTCATCCCCAGCTGCATGAGAACCTGGACATCAAGGTGACGAGTTGCGGGGCTGGGCTCGCTG
GCTGTGGGTGACGTGACGTGTGACATCGCCGACTTCTTACGACGCGGCCGAGGTCATCGTGGTGGAC
ATCACGGAGTTGGGTACCATCAAGTGCAGCTGGAGGTGACGTGGAACCCGTTTGATACTGAGAGCTTC
CTGGTGTACCCAGCCCCACGGGCAAGTTTCTATGGGCAGCAGGAAGGGCTCCTTGTACAACTGGACA
CCCCGAGCACCCCGACTTCCGGGAGAGATACTACCTGTCTGTCTACAGCAGCAACACAGCAGGCC
TTGCTGCTGGGTGGCCCAAGGGCCACCTCCATCCTCAGCTACCTGTCTGACAGCGACCTCCGGGTCCC
AGCCTAAGAAGCCAGAGTCAGGAGTGCCTGAGATGGACTCCTTACGCTCTGAGGACCCCGAGACAG
GAGACCAGCACGTCGGCGTCCACCTCAGATGTGGGCTTCTGCCCTTGACCTTCGGTCCCCACGCTCC
ATTGAAGAGGAGGCTCGGGAGGACCCCTGCCCCAGGTCTCCTGCCAGAGATGGCCACCTCTCTGGA
GGCCGCTTTGCAGAGCAGCCTGGCTGGAGGAATTAGGAGGGGAGAGCCCGAGCTGCCACAGGGCTCC
CTGTTCCACAGCGGCACAGCTCGAGTAGCCAGAACGCCACGAGGAAGGGGCAACCGGGACAGAGAG
GACGGGCTTGGCGTGGCCCTCGAGGGGCTCTGCAGGAGGTCCTGGAGTTGCTGAGGCCACGGACTCC
ACCCAGCCCCAGCTCCGGGAGCTGGAGTACCAGGTCTCGGCTTCCGGGACCGGCTGAAGCCTGCAGA
GCACGGCAGGAGCACACCTCGGCCGAGAGCCTGATGGAGTGCATCTGGAGAGCTTCGCTTCTCAAT
GCCGACTTCGCCCTGGATGAGCTGTCCCTGTTTGGGGCTCCAGGGTCTCCGAAAGGACCGGCCCTG
CCCCACCGTCATCACTGAAAGCGTCATCCAGGGAACCTCACAGCCGGTGCCCCAGAGCTGGACGTGCTG
CTGATGGTACACCTCCAAGTCTGCAAAGCTCTGCTGCAGAACTGGCCTCCCCTAATTTATCAAGGCTG
GTCCAGGAATGCCTCCTGGAAGAAGTGGCAGACAAAAGCAGCTTCTGGAGACACTTCTGTCTTGAC
TTTGAGAAGGTGCGCAAGGCAACATCCATTGAAGAGATCATCCACAGGCCTCGCGGACGAAGGGTGC
CTGAAGCTGTGGAGAGGGTGACAGGGCTGGCAGGGTCTGTCTGCTGCCCTGCCACGACGCTGCTGAAC
CAGCTCAAGAAAACCTTCCAGCACAGAGTCAGAGGGAAGTACCCAGGACAGCTGGAATAGCGTGCCGC
AGGCTCCTGGAGCAGGTGGTCAGCTGTGGTGGGCTGCTCCCGGAGCTGGGCTCCAGAGAAGCAGATC
ATTACCTGGTTCAGTTTACAGCTACCTGCAGAGGACAGCGTCTCTGACCTGGAGAAGCACTTACC
CAGCTCACCAAGGAAGTGAAGTCACTCATCGAGGAGCTTCACTGTGCGGGACAGGCCAAGGTGGTCCGGAAG
CTGCAGGGGAAGCGGCTGGGCCAGCTCCAGCCTCTGCCCGAGACCTTAAGAGCCTGGGCGCTGCTCCAG
CTGGACGGCACTCCGAGGCTGTGCAGGGCGGCCAGCGCTCGCTGGCTGGTGCAGTCAGGAACAGAAGC
TTCCGGGAAAAGGCTTTGCTGTTCTACACCAACGCCCTGGCAGAGAAGCAGCAAGGCTCCAGCAGGCC
GCATGCTAGCGCTCAAAACCTCAAGGGCATTGAAAGCATCGACCAGACTGCCAGCCTGTGCCAGTCT
GACCTGGAGGCCGTGCGGGCGCAGCCGGGAAACCACTGTGCTTGGTGAAGGACGGTTAGCT
TTTGAGAAGATGGACAAGCTCTGCTCAGAACAAAGAGAAGTCTTTGCCAGGAGGCAGATGTTGAAATC
ACAATATTTTAA
ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:

SgfI-MluI

ACCN:

NM_080829

Insert Size:

2841 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).
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:	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_080829.3</u>
RefSeq Size:	4321 bp
RefSeq ORF:	2841 bp
Locus ID:	140876
UniProt ID:	<u>Q96MK2</u>
Cytogenetics:	20q13.13
MW:	105.3 kDa