

Product datasheet for **SC337061**

C13orf18 (RUBCNL) (NM_001286762) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C13orf18 (RUBCNL) (NM_001286762) Human Untagged Clone
Tag:	Tag Free
Symbol:	C13orf18
Synonyms:	C13orf18; KIAA0226L; PACER
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC337061 representing NM_001286762.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCACGATCGCC
ATGGTGTCACAATCTACAGTCAGGCAGGATTCTCCTGTGGAGCCCTGGGAAGGGATCAGCGATCACTCT
GGCATTATTGATGGTTCGCCAGACTCCTGAACACTGACCATCCTCTTGCCAATTAGACATCAGGCTC
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GTGCCAGCAGCAGGGAACAGTGGGACCCATTTTGTGACAGATGCTGCCTCTCCCTCAGGCCCTTCACCT
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TGTGCTGTGTACAGGTGAGCCAGTCACTGAAACACGTAATACCATGATGTGAAAGAGATTTGCAAA
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TCAACATGCCTTATGATAACACCGATTTGTGTCTATTATTGGTGA
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TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
  
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Restriction Sites: SgfI-MluI

ACCN: NM_001286762

Insert Size: 1908 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.
RefSeq:	<u>NM_001286762.1</u>
RefSeq Size:	3709 bp
RefSeq ORF:	1908 bp
Locus ID:	80183
UniProt ID:	<u>Q9H714</u>
Cytogenetics:	13q14.13
MW:	70.8 kDa
Gene Summary:	This gene encodes a cysteine-rich protein that contains a putative zinc-RING and/or ribbon domain. The encoded protein is related to Run domain Beclin-1-interacting and cysteine-rich domain-containing protein, which plays a role in endocytic trafficking and autophagy. In cervical cancer cell lines, this gene is expressed at low levels and may function as a tumor suppressor. Promoter hypermethylation of this gene is observed in cervical cancer cell lines and tissue derived from human patients. [provided by RefSeq, Mar 2017] Transcript Variant: This variant (3) differs in the 5' UTR and lacks an alternate exon in the 3' coding region, which results in a frameshift, compared to variant 1. The encoded isoform (b) has a distinct C-terminus and is shorter than isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.