

Product datasheet for **SC125781**

C13orf18 (RUBCNL) (BC043488) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C13orf18 (RUBCNL) (BC043488) Human Untagged Clone
Tag:	Tag Free
Symbol:	C13orf18
Synonyms:	chromosome 13 open reading frame 18; FLJ21562
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for BC043488 edited
GGAGCGCGGTGGCCACGGAACGCTGCCCGGAGCCGCGGAGGGAGACCCGACGCGCGGC
GTTTACCCAGCGCAGCGTTCCACCGCTCGGGTTTGGCTGGATAAAAATAAAAAATGGGGAT
ATTGACCTCCTGTCACTACTGCATGGACTTTGATGGTTTCCAATCATTACTTTCTCCTCT
GTGTCAATCTGCCTCTTCGAGAAATTCATACTCCTGGCCCTTACCTTCGTGCCTCGGG
ACTCCCTGGCAGAGACAACGTTGTCTGAGGATACCACAGACTCCGTTGGCAGCGCTTCTC
CCATGGCTCGAGTAAAAGAGTAGCAGCTTCTCTGTCTCAACAGAGGTACACATGG
TCCGCCAGGATACTCTCATCGGGTGTCTCTGCCACAAGCCCTAGGATTTTGGCCACCT
CCCCATATCCTGAGACTGACAGTGCTTTTTTTGAGCCTTCCCATCTGACATCTGTGCTG
ATGAAGGTGCTGTTCAAGTCAGTAGAAGAACCATTTCTCGAATTCCTTCTCACCAGAGG
TATTTGTGCTGCCTGTTGATGTAGAAAAGGAAAATGCCCACTTTTATGTTGCAGATATGA
TTATATCAGCAATGGAGAAAATGAAGTGAACATTCTGAGTCAACAGCAGACAGAGAGCT
GGAGTAAAGAAGTCAGTGGGTTACTTGGGAGTGATCAGCCTGACTCTGAAATGACTTTTG
ATACCAACATAAAGCAAGAGTCTGGGTCTTCTACTTCTCATAACAGTGGCTATGAAGTT
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TTTGCAAATGCGATGTTGATGAATTTGTTATTTTAGAGCTTGGAGATTTTAAATGATATCA
CAGAAACCTGTAGCTGTTCTGCAGCTCCTTAAGAGTGTCACTTATGAGCCAGACTTCA
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CAGTAGTTAATTCAGCTGGCAGGTTCCCTGAGTGCAGCTGGCTCGATAGTCGTAATG
AAGAGTGTGTCGAAAAGACTTTGAATCCAGTATGAATGTAGTACAGGAAATTAATTTA
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GTGGAACCTCCAGTAGAGCCTAAGTTTGTGAAGCGGCTCCGGTACTGCGAATACCTAGGA
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AGGAGCTGGACAGAGTGAAGGAAATTCAGGAGCAGCTTCCATATCAAGAAGCTGTTGA
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CTGATGAGCTCCACCTGTTCTCCCTTGAGGACCTGGTCAGGATCAAGAAAGGGCTGCTGG
CACCTTACTCAAGGACATTCTGAAAGCTTCCCTTGCACATGTGGCTGGCTGTGAGCTGT
GTCAAGGAAAGGGCTTTATTTGTGAATTTTGCCAGAATACGACTGTCATCTTCCCATTT
AGACAGCAACATGTAGAAGATGTTGAGCGTGCAGGGCTTCTTTACAAAACAGTGCTTCC
AGTCTCCGAGTGCCCGGTGTGCGAGGATCACAGCGAGGAGAAAACCTTCTGAAAAGTG
TGGCCTCTGCAGCAACATGATGCCCTGAGTACTGTGAAAAGACTGTTCAACATGCCTT
ATGATAACACCGATTTGTGTCTATTATTGGTGACATTGTTTTAGATATTGGGTATTGTAT
ATTAAGGAAAAAGATGGTCTATATTCTCTTTATTGCATATACTTAATGTTTCAAAGAAT
GCAGATTCTGTGTTAAGCACAGGGCTGATAGTTGTGGTTTTGTTTACAAATGTTCTGTT
TCTACTGATGCTGAGCCAGTTTGTATGTGTGCATATATGTGAAGTGAAGTGAAGTGAAGT
GAATTAAGTCAAGTTCTCTTTCTTAAAGCTTGTGTTGATGAAACTGGTTGGTCTTTCAGT
GAACAAAAATATGACCCCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAA
  
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5' Read Nucleotide Sequence:	>OriGene 5' read for BC043488 unedited NNNCCCGGGCAGAATTTTGTATACGACTCATATAGGCGGCCGCGNATTCAGATCTGGTAC CGGTCCGGAATCCCGGGATGGAGCGCGGTGGCCACGGAACGCTGCCCGGAGCCGCGCGA GGGAGGACCCGACGCGCGCGGCTTACCCAGCGCAGCGTTCACCCTCGGGTTTGGCTGG AAAAAATAAAAAATGGGGATATTGACCTCTGTCACTACTGCATGGACTTTGATGGTTTC CAATCATTACTTTCTCTCTGTGTCAATCTGCCTCTTCGAGAAATTCATACTCTGGCCC TTCACCTTCGTGCCTCGGGGACTCCCTGGCAGAGACAACGTTGTCTGAGGATACCACAGA CTCGTTGGCAGCGCTTCTCCCATGGCTCGAGTGAAAAGAGTAGCAGCTTCTCTGTCT CTAACAGAGGTACACATGGTCCGCCAGGATACTCTCATCGGGTGTCTCTGCCACAAG CCCTAGGATTTTGGCCACCTCCCATATCCTGAGACTGACAGTGCTTTTTTTGAGCCTTC CCATCTGACATCTGCTGCTGATGAAGGTGCTGTTCAAGTCAGTAGAAGAACCATTCTTC GAATTCCTTCTCACCAGAGGATTTGTGCTGCCTGTTGATGTAGAAAAGGAAAATGCCCA CTTTTATGTTGCAGATATGATTATATCAGCAATGGAGAAAATGAAGTGAACATTCTGAG TCAACAGCAGACAGAGAGCTGGAGTAAAGAAGTCAGTGGGTTACTTGGGAGTGATCAGCC TGACTCTGAAATGACTTTTGATACCAACATAAAAGCAGAGTCTGGGTCTTCTACTTTCTC ATACAGTGGCTATGAAAGTTGTGCTGTGTTTC
Restriction Sites:	NotI-NotI
ACCN:	BC043488
Insert Size:	2400 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:	BC043488.1 , AAH43488.1
RefSeq Size:	2422 bp
Locus ID:	80183
Cytogenetics:	13q14.13
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]