

Product datasheet for **SC112530**

C17orf75 (NM_022344) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C17orf75 (NM_022344) Human Untagged Clone
Tag:	Tag Free
Symbol:	C17orf75
Synonyms:	NJMU-R1; SRI2
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_022344, the custom clone sequence may differ by one or more nucleotides

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ATGCTCCCCTCTTTGCAGGAGTCGATGGATGGAGATGAAAAGGAACTAGAGAGCAGCGAAGAGGGAGGCT
CAGCCGAGGAGCGGAGACTCGAGCCGCGTCCAGCAGCCACTACTGTCTTTACAGCTATCGCGGAAGCAG
ATTGGCACAGCAACGAGGGGACAGTGAGGACGGAAGCCCAAGTGGCACAAATGCAGAACTCCCTCTGGT
GATGATTTTCAGCCTCTCCTTGGCAGATACTAATCTACCATCCGAAGTGGAGCCAGAGCTGCGCAGTTTCA
TTGCTAAGCGTCTTTCAAGAGGTGCAGTCTTTGAAGGGCTGGGTAAATGTTGCATCTGTGGAGCTAAAAAT
TCCAGGTTACCGAGTTGGTTGTTATTACTGCCTTTTCCAAAATGAAAACTGCTTCTGAAACAGTAACG
ATAGACTCTGAACGTAACCCCTTCAGAATATGTGGTCTGTTTTTTAGGAGGGTCTGAAAAAGGACTTGAGC
TTTTCAGGCTTGAATTGGACAAGTACATTCAGGGCTGAAAAATAACATGAATTGTGAGGCAAGGGGCT
GGAGAGTCACATAAAATCCTATCTGAGCAGCTGGTTTGAGGATGTTGTATGCCCAATCCAAGGGTTGTT
CTTCTCTTTTCAGGAAAAGCTTACCTTTCTGCTACATGCTGCTTTGAGTTACACTCCTGTTGAAGTTAAAG
AATCAGATGAAAAACAAGAGAGACATTAACAGGTTTCTGAGTGTGCCAGTCTTCAAGGACTTATTCA
TGAAGGCACCATGACTTCTTTGTGCATGGCCATGACAGAGGAGCAGCATAAGTCTGTGGTATCGATTGC
AGCAGCTCCAGCCTCAGTTCTGCAATGCAGGAAGTAACCGTTTTGTGAGGATTGGATGCAAGCTTTTT
TAAATGGTGCCAAAGGAGGTAACCCTTTTCTTTTCCGACAAGTACTGGAGAAGTAAACTAAAGGCCAT
ACAAGACACAAACAATTTGAAGAGATTTATCCGACAGGCAGAAATGAATCATTATGCTTTGTTAAATGT
TACATGTTCTAAAGAACTGTGGTAGTGGAGATATACTTTGAAGATTGTTAAAGTGAACATGAAGAAA
TGCCTGAAGCCAAAAATGTGATAGCTGCTTGAAGAATTCATGAAAGAAGCTCTTGACCAAGTTTTTG
A
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_022344 unedited
 GGTGTCAAAATTTGTATACGACTCATATAGGCGGCCGCGNAATTCGCACGAGGCCTCGTG
 CCGAATTCGGCACGAGGGCGAACCCGGNGAAACCAGCGGAACGCAGGAGTCGATGGATG
 GAGATGAAAAGGAACTAGAGAGCAGCGAAGAGGGAGGCTCAGCCGAGGAGCGGAGACTCG
 AGCCGCCGTCCAGCAGCCACTACTGTCTTTACAGCTATCGCGGAAGCAGATTGGCACAGC
 AACGAGGGGACAGTGAGGACGGAAGCCCAAGTGGCACAATGCAGAACTCCCTCTGGTG
 ATGATTTTCAGCTCTCCTTGGCAGATACTAATCTACCATCCGAAGTGGAGCCAGAGCTGC
 GCAGTTTCATTGCTAAGCGTCTTTCAAGAGGTGCAGTCTTTGAAGGGCTGGGTAATGTTG
 CATCTGTGGAGCTAAAAATTCAGGTTACCGAGTTGGTTGTTTACTGCCTTTTCCAAA
 ATGAAAACTGCTTCTGAAACAGTAACGATAGACTCTGAACGTAACCCTTCAGAATATG
 TGGTCTGTTTTTAGGAGGGTCTGAAAAAGGACTTGAGCTATATCCTTTCTTTGGTTTTT
 GAGAACATCAGGAAGGAAAAACATGGGAAGGCAGGTGGAAGAATATTACTACCAACCTCCA
 AAAAGCTTTTCTACTCCTCGTGATTTAGTTGAATTTACATCTTCATGTGGCCATTTTG
 CCTTGGCTTGTTCATTTGCAGCTCACATTATTTGAGAGATTNTATATTTCTTGTGAG
 AGATGAAATACTGTCTTCATTATTCATCCTTTATTGCTTNCTTAGAACATACTTTAGGC
 TTGAATTGGACAAGTACATTCAAGGGNCTGANAATACATGAAATGTGAGGCAGGNGCCTG
 NAGAGTACATAAATNCTATCTGACAGCTGGTTGAGGAGT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_022344 unedited
 ACCGCGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTGTCTTCAGATTTTATT
 TAAGTTAAATTTGGTAAAAACAAAAAGAAAATCTGGATTGAGTTTCAAATCATCTTAAAT
 AGCAATCCTATGAACAATTATAACTGCAATTTCAAACACTAAGACTTAAATATACAACCT
 GATCATACAATTATCTCAAAACATATGATCAAAAACTTTGGTCAAGAGCTTCTTTCATGA
 ATCTTCAAGGACAGCTATCACATTTTTGGCTTCAGGCATTTCTTCATGTTCCACTTTAA
 CAATCTTCAAAAGTATATCTCCACTACCACAGTTCTTTAGGAACATGTAACATTTAAACA
 AAGCATAATGATTCATTTCTGCCTGTCCGATAAATCTCTTCAAATGTTTGTGTCTTGTA
 TGGCCTTTAGTTTAAAGTTCTCCAGTACTTGTCCGAAAAGAAAAGGGTTACCTCCTTTGG
 CACCATTTAAAAAAGCTTGCATCCAATCCTCACAAAACCGGTTACTTCTCTGCATTGCAGA
 ACTGAGGCTGGGAGCTGCTGCAATCGATGACCACAGACTTATGCTGCTCCTCTGTGCATGG
 CCATGCACAAAAGAAGTCATGGTGCCCTTCATGAATAAGTCTTGAAGACTGGCCCACTCA
 GAAACCTGNTAATGTCTCTCTTTGGTTTTTCATCCGAATCTTAACTTCACAGGAGTGTA
 ACTCAAAGCANCATGTACCAAAAAGGTAAGCTTTTCTGAAAGAGAAGAACAACCTTTG
 GATTGGGCATACCACATTCCTCAACCAGCTGCTCAGATAGGATTTTTATGGGACTCTTCA
 AGCCCTTGGCCTTACAATTCATGTTATTTTTTCAGCCCTTGAAGGACTTGTTCATTCAGC
 CCGAAGTATGTTCTTAGGAGCCATAAAGGATGAATATGAAA

Restriction Sites:

NotI-NotI

ACCN:

NM_022344

Insert Size:

1710 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: [NM_022344.2](#), [NP_071739.2](#)

RefSeq Size: 1631 bp

RefSeq ORF: 1191 bp

Locus ID: 64149

UniProt ID: [Q9HAS0](#)

Cytogenetics: 17q11.2

Protein Families: Druggable Genome

Gene Summary: As component of the WDR11 complex acts together with TBC1D23 to facilitate the golgin-mediated capture of vesicles generated using AP-1 (PubMed:29426865). May have a role in spermatogenesis.[UniProtKB/Swiss-Prot Function]