

Product datasheet for **SC124724**

C3orf15 (MAATS1) (NM_033364) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C3orf15 (MAATS1) (NM_033364) Human Untagged Clone
Tag:	Tag Free
Symbol:	C3orf15
Synonyms:	AAT1; AAT1alpha; C3orf15; CaM-IP2; MAATS1; SPATA26
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC124724 sequence for NM_033364 edited (data generated by NextGen Sequencing)

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ATGAGCCACGCAGTAACTATCGAGGAGCCCCAGGCCAGCCGAGGTGTCTCAAACCTCGG
TACCGGGAGAGGTCGCGGGCTGGGAGCCACATCTCCTCCAATCGAGCGTATGATTTTCTG
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AAATTAAGTGAAGGAGAGCAAGATGAGGCCTCAAATGCTGCCATGTTACTTGAGAAAGAA
ACTCAAAATGAGAACACAGCTAA

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Clone variation with respect to NM_033364.3
 18 c=>t

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_033364 unedited GCCGCGAAATTCGCACGAGGGCGGGAGGAAGGAGGCGGCACCATGAGCCACGCAGTAACT ATCGAGGAGCCCCAGGCCAGCCGAGGTGTCTCAAACCTCGGTACCGGGAGAGGTCGCGG GCTGGGAGCCACATCTCCTCCAATCGAGCGTATGATTTTCTGTACGATCCATTGTTTATT GTGTCAAGTGAGAAAAGACCATACACAGGCAAATATCCAAGCTACCCTGATTTCGCAGCAGA CTGAGAAAAGTTCCAGGTTTAAAACCATGTTTCAGTAACTGATCCATTATCCAAGATAT TCTCTATATTGGAGCAAGTCAGATCCTGTCCCACCATTTATCAGTCGGGAATGGAAGGGA CATAAGGAGAAAACACAGAGAAGCCCTCCGGCAGCTCACCACTGACGCTTCTTTTCAG ATGCCTAAAGAAGTTTATGAAGATCCTGAAGTACTGGAAGAATCGCTATAAACTTTT GAAAGGCCTTTTCTCCATTTTTCAGCAGATGCCATTCAATGTTGTTTATGCCGTATCC AAGGCAGAACCATACTTTTCTCCTACTTCTACTAAGCACCTATCCATCCCTTCAAAG TCTACTGTGGGCACTCAGACTGATTATCGGGATGCTGACGTTCAAACAGATCCATACTCT CCAGATATGTAGTATGTCAGGACTCAATCCCTGAGCTCTTGACCCTGGCTACGCTTACTT GGGGTCCGGGGTCTCCAGCAGGACAAGCTGAGGTGGAGATGATAGAAAAGCCCGGAG AAGCGTGCTTGGGAAGCCTCTCCTCCGCTCTGAGTGACACCTNCCAGTTTNGAGAGAGG AGGGAATGATGAATGAAC</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_033364 unedited CGTACGGGTATGTTACATTAGTTGAGAGCAGGNANAGCACTGGGGNAGGGTCACAGGGA TGCCACCCGGGTCTGTTCCAGAAAAGCTATGACCGCGGCCCAATCTAGAGTCGAGTTTT TTTTTTTTTTTTTTTTTTAAAGTTTCATTACACATGTCCTTTATTAGAAGCTACTTTAAAT CCTTTTTCAAACATGAATTGATTTTAAATAAAATAAAATTTTACTGGAACACAGTCATGC GCATTCATTTCTGTGTCATCGAGTGCTGCTTACCCTACAACGGCAGAGTTGAGTATGC AGTTATGATGGCGACCATCAGACCCGAAACCCTAATGTAGTTACCATCTGGCCCTTCAG AGAAAAGTCTGCTGTTCCAGCTGTATAGCATTCCCCTCCCACCTTCTATCCCATCAGCCC AACCTAACTCACTTGTCATTTTGTGTTCTCGATGGTTTATTTCAAAGTGAATGATATAA CCTTTACCTAGCTCAGGTAGCCTTTTTCAAAGAACAAAACAAAATTTAGTTGCTTCCTT ACTGGTGCAGTGTTTTTTGTGTCAGTGATCCTCCAGGGGAAAAAAGGTGTCCCAATCCTAG TTTTGCTAGGGCAAGGTGAACCCCTTTCAAGTTGGATAATTAGGTTTTTTAAAAAAAAC CGCAAAATTTATTAACCTCTGGATATTGGTTCTATTTTATTTGCGCCGGGGTCTTC TTTAAGAACTTCGAGTTGTCGGGATAGGTCACTCTACGAGTAACTTCTGGCGATTTTT AATCTTTTTGGCCCTTCTTTTACATGCCAAGGGTGTGATTACTTTTAAACAAATGTGC TGTCACTACGTTTGTNCCATTTACCTGTTGCTCCTCAGGAGATGTTACGCTTCCGTTAG GCGGAAGTCCAAAACGGCATGGCGTCAAATTTGACGGGACCACGAATATCAAAGTACGTT CCGAATAAT</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_033364
Insert Size:	4100 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_033364.2](#), [NP_203528.2](#)

RefSeq Size: 4185 bp

RefSeq ORF: 2304 bp

Locus ID: 89876

UniProt ID: [Q7Z4T9](#)

Cytogenetics: 3q13.33

Gene Summary: May play a role in spermatogenesis (PubMed:12223483). May regulate cilium motility through its role in the assembly of the axonemal radial spokes (By similarity).[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) encodes the longest isoform (1).