OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC332273

C6orf134 (ATAT1) (NM_001254952) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C6orf134 (ATAT1) (NM_001254952) Human Untagged Clone
Tag:	Tag Free
Symbol:	C6orf134
Synonyms:	alpha-TAT; alpha-TAT1; C6orf134; MEC17; Nbla00487; TAT
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC332273 representing NM_001254952. Blue=Insert sequence Red=Cloning site Green=Tag(s) ATGGAGTTCCCGTTCGATGTGGACGCGCTGTTCCCGGAGCGGATCACGGTGCTGGACCAGCACCTGAGG CCCCCAGCCCGCCGACCCGGAACCACAACGCCGGCCCGTGTTGATCTACAGCAGCAAATTATGACCATT ATAGATGAACTGGGCAAGGCTTCTGCCAAGGCCCAGAATCTTTCCGCTCCTATCACTAGTGCATCAAGG ATGCAGAGTAACCGCCATGTTGTTTATATTCTCAAAGACAGTTCAGCCCGACCGGCTGGAAAAGGAGCC ATTATTGGTTTCATCAAAGTTGGATACAAGAAGCTCTTTGTACTGGATGATCGTGAGGCTCATAATGAG GTAGAACCACTTTGCATCCTGGACTTTTACATCCATGAGTCTGTGCAACGCCATGGCCATGGGCGAGAA CTCTTCCAGTATATGTTGCAGAAGGAGCGAGTGGAACCGCACCAACTGGCAATTGACCGACCCTCACAG AAGCTGCTGAAATTCCTGAATAAGCACTACAATCTGGAGACCACAGTCCCACAGGTGAACAACTTTGTG ATCTTTGAAGGCTTCTTTGCCCATCAACATCCTCCAGCAAGGAAGCTGCCACCCAAGAGAGCAGAGGGA GACATCAAGCCATACTCCTCTAGTGACCGAGAATTTCTGAAGGTAGCTGTGGAGCCTCCTTGGCCCCTA AACAGGGCCCCTCGCCGCGCCACACCTCCAGCCCACCCACCCCCCCGCTCCAGCAGCCTGGGAAACTCA CCAGAACGAGGTCCCCTCCGCCCCTTTGTGCCAGAGCAGGAGCTGCTGCGTTCCTTGCGCCTCTGCCCC CCACACCCTACCGCCCGCCTTCTGTTGGCTGCTGACCCTGGGGGCAGCCCAGCTCAACGTCGTCGCACC AGCTCCCTTCCCCGCTCTGAGGAGAGTCGATACTAA
Restriction Sites:	SgfI-MluI
ACCN:	NM_001254952
Insert Size:	933 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).

View online »

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_001254952.1
RefSeq Size:	2098 bp
RefSeq ORF:	933 bp
Locus ID:	79969
UniProt ID:	Q5SQI0
Cytogenetics:	6p21.33
MW:	35.1 kDa
Gene Summary:	This gene encodes a protein that localizes to clathrin-coated pits, where it acetylates alpha tubulin on lysine 40. This process may be important in microtubule growth, for instance during chemotaxis and the formation of cilium. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016] Transcript Variant: This variant (5) differs in the 5' and 3' UTRs and coding region, and lacks an internal in-frame exon, compared to variant 1. The encoded isoform (4) has distinct N- and C-termini 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.