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 MC210470

Ttc23 (NM_001168476) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ttc23 (NM_001168476) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ttc23
Synonyms:	1600012K10Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC210470 representing NM_001168476
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCTGCAATGTGGGAACATTGTAAAGGAAGAGTGGATAGAAATCCAGTCTCGAATCAAGCTGTCGTTTG
CACAGTTGTATCAAGGTCAGAAGAGATCAAAAGAAGCTTTCCCGTTCTATCAAAAGGCTTTGGAATATAC
CGAGATCACCAAAGATGAAAAAAGTCTTGAGTGTGTACAAGTCCTGAGGGAACTGGCAGGTGTGGAGCAA
GCCCTAGGACTCTACGCCGCCGCCATCAGTCATTTCTCACGGGCACATCTCATCATCCTGAGTAAAGATC
CCTCCCCGGAGGAGGCTGCAGACTCTGCACACTTCATCGCCCGGGCTGCTGCTGCTTCTGGGATGCACGA
CCACCGTGATGTGGCCGAGAAATACTTTCAGGAAAGCATGACTTCTATCAAGGATTCCGAAGGAGCGGAA
AGAGCCAAGTTCCTTTCGATTCAAGATGAGTTTTGCAGTTTTCTGCAAACCACCGGACAAAAAGAAAGAG
CGGCCATGATCCTGAGAGAGTCCCTGGAAGCCAAAGTAGGAGCATTTGGTGACTTCAGTCCTGAGGTGGC
AGAAACGTACCGGGCCCTGGGCAGGGCAGACCTGGCGCAGGGAAACAACAGTGGAGCGTACGCGAAGCTA
AAGAAGTGTGTCCAGATTGAGACGTTCTTGTATGGATCACAGGACAAGAAGACCCTGGCCACCCAGCACA
CCATAGACACACTGTCCAAGATCTCCGAGGCTGCCGGGAAGTCAAGGCAATCGGTGAAAGCCAAAGTAGC
ATTCTGCACCAGTGCCCCCCAGTACGGCATGCCAGGGAAGGGCAGGCACAGTGTAGCAGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
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Restriction Sites:	SgfI-MluI
ACCN:	NM_001168476
Insert Size:	834 bp

View online »

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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_001168476.1, NP_001161948.1
RefSeq Size:	2031 bp
RefSeq ORF:	834 bp
Locus ID:	67009
UniProt ID:	Q8CHY7
Cytogenetics:	7 C
Gene Summary:	Participates positively in the ciliary Hedgehog (Hh) signaling.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) differs in the 5' UTR and coding sequence and lacks an alternate in-frame exon compared to variant 1. The resulting isoform (3) is shorter at the N-terminus and lacks an internal segment compared to 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.

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