

Product datasheet for **MC202697**

Tedc2 (NM_028056) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tedc2 (NM_028056) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tedc2
Synonyms:	1600002H07Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC072612 sequence for NM_028056
 AGGCGCGGACTCCTTGCGCGGCAAAAATGCTTGGTGTAAAGGAACTACCTACTACCCGAGACTG
 CGCTACCGGCTGGTAGCGGAGCTGCAGGGCGCCTTGGACTCCTGCGCCGATCGGCAGCGCAGTTGGAG
 CGGAGCCTGCGCGTTTCCAGGAGGCTGCTGCAGGTCTGGGAACAGCCAGGACCCCATCTCCAGTTCCAG
 AAACAAAAGAAGAGGACCAAGTCCAGCATGTGCACCGAGTTCTCAAGATCTCGAGGAGCTGGAACCTTT
 GACCCAGGCTCTGGAGAAGGCTGTACGTGTGAGGAAAGGCGTGTCCAATGCTGGACAAAGAGACAGAACC
 CCCACTCTGACATCTAAGGCAGCCACTTCTGGTGCCGCTGCCGCTCCCATCCTCGGGCTCCCAGCCGGG
 GTGGCAGCCGTGATTGGGTACAAGATCCACCAAGGGTATACAGCGGGCCACAGCCCTCCCAAGGATTA
 CCCTGAGCACAGACTACGATCAAAGGGTATAAGACCCATGTAAGAACACAAGACCAAACTACTGGGTAT
 GGACCAGACCTCAGGGACCAACAAATGACCCCGTCATCTGCTCATCACACCACAGAACTCTTCGATTAA
 AGGAGAAGGGGACTCTCCTGCAGCTACCTGAGGACTTCAGGAAGGCAGTGTCTCGGAATTCCTGCCTGTG
 GGCCAGCTCAACTCTGCACGAACCAACGACTCCACAGATGCCACTAGAGCCGCCAAAACCTAGTTCTCTC
 CACAACTCCAGATGGCTTCAGGCTGTTCCAGCCACAGGCCAGTGTACAGAGGTGGAGGCGCACGCAC
 GGATCCTGAGGAAGGCCTGTATGCTGCTGAGACTTCGTATGAAAAGGAACCTGCAATAGCTCCCACTGA
 CTGGATGCAGGAGTACCGATGCCTGCTCACCCTGGAAGGACTGCAGACCGTTGTAGGACAGTGTCTCCAC
 AGGATACAGGTGCTGCAAGCAGCTGTGACAGAGCAACTTCCAGGAGAATGCCTTGACAGAGACGCGACTC
 AGGCCTCGTCCGTTTGGGAGGAGAGGTGGACTCTGCCTGCAGCCCTGAGCTCCTTCTCTATGCTAGCAC
 CGAGGAGCTGCAGACCTTGCCACCTTGAAGCTTCAGGTGGCCTTGCTACACCAGCAGATCCATCTAGAA
 AAGGTTCTGATGGCTGAACCTCTCCCTCTGATAAACACCCAGGATCCTGGAGGACCGCCTTGCTGGCCT
 TGTGTCGGGCTGCGTACAGTCTGCTCTGTGAGGGAGGCGAACGCTTCTCACAGTCTTCGAGATGACCC
 TGCTGACTAAGCAGTCTGGGCAACAAGCCTCTGTGGGAGAGCCCCCTCTCTCTTCTGGACTGTAGTGA
 ACAGGGATTGAGGGAGATTTTCCAGTTTGGGGAGCTATAACCTACCCGAGAAAGCTGCGTGGCCAGGGT
 GCTCCCCCTCCCCCAAGCTCTTCTTAGACTTCTTAGTCAGGCTCAGCTTTCTGCCTTCTGGGGAGTCT
 CTTGGCTGCCTCTACTTTCTCTCACTCTAGACCTCCAGACTACCTGTATGACACTAGAATCCTTTAGGA
 AGTGTAAGTATTTAAATTATATCATAGCAGGGTTTGGTAAGCAGCTTTTGGTTTCTTGTCTTTCTTT
 GTGGTTTTAAGAATTGTATCGATTACCTAGGTGGGAGGCAGAGGCTGGTATTCTGTGAGTTCAAAGCCA
 GCTTGATCTACAGAGCAAGCCAGGACCACAAAGAGAAACCCTGTCTCAAAAACCAAAATGAAAAGACTTG
 TATCAATTAAGGGGTTTGGAGTGCCTGCAATCCACAGGGGAGGCTGAAGGAAGAGTATCTAAGTTTAA
 GGCCAGCCTGAACCTGTGTTAAATAAAAAAGGAAGGGTTTACCAATAAAAAATTCAAAAGTATGAGCTGG
 AGAGATGGCTTGACGGTTAAGAGTACTGACTGCTCTTCCAGGGGCTCTGAGTACAATTCTCAGCAACCAC
 ATGGTGGCTCATAACCATCTTTAATGGGATCTGATGCCCTCTTCTGGTGTGTCTGAAGACAGCTACAGTA
 TATTTATATACATAAAATAAATAAACCTTTTTTAAAAATTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA AAAAAAAAAA

Restriction Sites: Ascl-NotI

ACCN: NM_028056

Insert Size: 1311 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>BC072612</u> , <u>AAH72612</u>
RefSeq Size:	2179 bp
RefSeq ORF:	1311 bp
Locus ID:	72016
UniProt ID:	<u>Q6GQV0</u>
Cytogenetics:	17 A3.3
Gene Summary:	Acts as a positive regulator of ciliary hedgehog signaling. Required for centriole stability. [UniProtKB/Swiss-Prot Function]