

Product datasheet for MC227588

Tekt1 (NM_001282006) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: Tekt1

Synonyms: MT14

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >MC227588 representing NM_001282006
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCCAAGCTACTGCAATCTCCACCCAGGTTCTTCTGAGGAGTGGTATATTGCTAACAAAAGCCAGT
ACCACAGAGCAGAGGCCAAAGGTCCCAATCTGAACGCTTGGTGGCAGAGAGCCAGAGGCTTGTTGAAGA
AATTGAGAAGACCACGGAAGTCTCAGAGCGATGTGAACAAGAACTTGAGCAGAGACTTGAGGAGGTC
AGGTTCTGGAAGAAGGAGTTAGATGACAACTTGAACAGCTCGTGAACAGACGGATGACCTGCTTACGT
ACAAGACCCGCTGGAGAGATCCTTGGAGAGCTACAAGGAGCCCTGCACATCACGGAGAAGTGCTTGGGA
ATACAGGGAGAAGCGTGTGGGCATCGATTTGGTACACGATGTGGTGGAGCAGGAGCTGCAGAAGGAGGCT
GATATCATCCACGGAGTCATGAACCTGCTTATCCGCACGCTGGAAGAGTCAACAGAACAGATCAGGCTGA
ACCGCTCTGCCAAGTACAATCTGGAAGGATTTGAGGGATAAGTTCACGGCCATAACTATCGATGACGT
CTGCTTCTCACTCAACAATAACTCACCAAATATCAATTTTCTGAGAAGGTTGTGAGAATCGAGCCCAAC
TCAGTGAGTCTGGAGGACTGGCTGGACTTCTCCAATGCCAATGTGGAGAAGGCAGACAAACAGCTGAACA
ATTCACGGCGCTGAAGACCTGGTGGACCAATCCTGTCCAGACAGCCAATGACCTGCGCAGACAGTG
CGAAGTGGTAGACGAGGCATTCATAATGGGCTGAAGGAGACCAAGGATGCCAGGAACAAGCTGGCTGAT
CATCTGGCCAAGGTTATGGAAGAAATTGCTTCCAGGAAAAAACATCATGGCTCTTGAAAAATGCCATCA
CGCAGCAAGAAGGGCCAGCCAAGGTAGCACACACGCTGGAGACCAGGACGCACCGGCCGAACGTGGA
GCTGTGTGAGATATTGCCAGTATCGGCTGATCAAGGAGATTGAGGATCAACCACAATGTTGCCAGG
TTAAAGGAAACCTGGCCAGGCTCAGACGAGCTGAAGGCCCTGTACCGCAGGACGCTGGCCCTGCAGG
AGGAAATCCAGGTGAAGGAGAACACCATCTATATCGACCAGGTGCTGTGTATGGAGATGAGGAAGTCCAT
CCCACCTCGAGACGGCAGCACCATGGGGCTGGGAGGGGGCATCCGCGCAGAGGCCATCTGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001282006
Insert Size:	1257 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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>NM_001282006.1, NP_001268935.1</u>
RefSeq Size:	1459 bp
RefSeq ORF:	1257 bp
Locus ID:	21689
UniProt ID:	<u>Q9DAJ2</u>
Cytogenetics:	11 B4
Gene Summary:	Structural component of ciliary and flagellar microtubules. Forms filamentous polymers in the walls of ciliary and flagellar microtubules (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript. Variants 1, 2, and 3 encode the same protein.