

Product datasheet for **MC210053**

Ykt6 (NM_019661) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ykt6 (NM_019661) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ykt6
Synonyms: 0610042I15Rik; 1810013M05Rik; AW105923
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC210053 representing NM_019661
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAAGCTGTACAGCCTTAGTGTCTTTACAAAGGCGATCCGAAAGCGGTGCTGCTCAAGGCCGCTACG
ACGTGTCTTCCTTAGTTTCTCCAGAGGTCCAGTGTGCAGGAATTCATGACCTTACAAGTCAACTGAT
TGTGGAACGCTCGGGAAAGGCAGCAGAGCTTCTGTCAAAGAACAAGAGTATCTTTGCCATGTCTACGTC
CGGAGCGACAGTCTGGCAGGTGTGGTCATTGCTGACAGCGAATACCCCTCCAGAGTGGCCTTCACCTTGC
TGGAGAAGGTAAGTGAATTCTCAAGCAGGTGGATAGAATAGACTGGCCAGTAGGATCCCCGGCTAC
AATCCAGTACACAGGCCTGGACGATCACCTTAGTAAATACCAGAACCCCCGAGAAGCTGATCCCATGAGT
AAAGTGCAGGCCGAAGTGGACGAGACCAAAATCATTCTGCACAACACCATGGAGTCTTTGTTAGAGCGAG
GCGAGAAGCTTGATGACCTGGTATCCAAGTCAGAAGTCTGGGAACACAGTCGAAAGCCTTCTATAAAAC
TGCCCGAAACAAAACCTTGTGTGCAATCAT**GTA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_019661
Insert Size: 597 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).



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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:	<ol style="list-style-type: none">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:	<u>NM_019661.4</u> , <u>NP_062635.2</u>
RefSeq Size:	2491 bp
RefSeq ORF:	597 bp
Locus ID:	56418
UniProt ID:	<u>Q9CQW1</u>
Cytogenetics:	11 A1
Gene Summary:	Vesicular soluble NSF attachment protein receptor (v-SNARE) mediating vesicle docking and fusion to a specific acceptor cellular compartment. Functions in endoplasmic reticulum to Golgi transport; as part of a SNARE complex composed of GOSR1, GOSR2 and STX5. Functions in early/recycling endosome to TGN transport; as part of a SNARE complex composed of BET1L, GOSR1 and STX5. Has a S-palmitoyl transferase activity. [UniProtKB/Swiss-Prot Function]