

## Product datasheet for **RG200260**

### **YKT6 (NM\_006555) Human Tagged ORF Clone**

#### Product data:

Product Type: Expression Plasmids  
 Product Name: YKT6 (NM\_006555) Human Tagged ORF Clone  
 Tag: TurboGFP  
 Symbol: YKT6  
 Mammalian Cell Selection: Neomycin  
 Vector: pCMV6-AC-GFP (PS100010)  
 E. coli Selection: Ampicillin (100 ug/mL)  
 ORF Nucleotide Sequence: >RG200260 representing NM\_006555  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAAGCTGTACAGCCTCAGCGTCTCTACAAAGGCGAGGCCAAGGTGGTGTCTCAAAGCCGCATACG  
 ATGTGTCTTCCTCAGCTTTTCCAGAGATCCAGCGTTCAGGAATTCATGACCTTCACGAGTCAACTGAT  
 TGTGGAGCGCTCATCGAAAGGCACTAGAGCTTCTGTCAAAGAACAAGACTATCTGTGCCACGTCTACGTC  
 CGGAATGATAGTCTTGCAGGTGTGGTCATTGCTGACAATGAATACCCATCCCGGGTGGCCTTTACCTTGC  
 TGGAGAAGTACTAGATGAATTCTCAAGCAAGTCGACAGGATAGACTGGCCAGTAGGATCCCCTGCTAC  
 AATCCATTACCCAGCCCTGGATGGTCACCTCAGTAGATACCAGAACCACGAGAAGCTGATCCCATGACT  
 AAAGTGCAGGCCGAAGTACTAGATGAGACAAAATCATTCTGCACAACACCATGGAGTCTCTGTAGAGCGAG  
 GTGAGAAGCTAGATGACTTGGTGTCCAAATCCGAGGTGCTGGGAACACAGTCTAAAGCCTTCTATAAAAC  
 TGCCCGAAACAAAACACTCATGCTGTGCCATCATG

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

Protein Sequence: >RG200260 representing NM\_006555  
 Red=Cloning site Green=Tags(s)

MKLYSLSVLYKGEAKVLLKAAVDVSSFSFFQRSSVQEFMTFTSQLIVERSSKGTRASVKEQDYLCHVYV  
 RNDSLAGVVIADNEYPSRVAFTLLEKVLDEFKQVDRIDWPVGPATIHYPALDGHLSRYQNPREADPMT  
 KVQAELEDTKIILHNTMESLLERGEKLLDLVSKSEVLGTQSKAFYKTARKQNSCCAIM

**TRTRPLE** - GFP Tag - V

Restriction Sites: SgfI-MluI



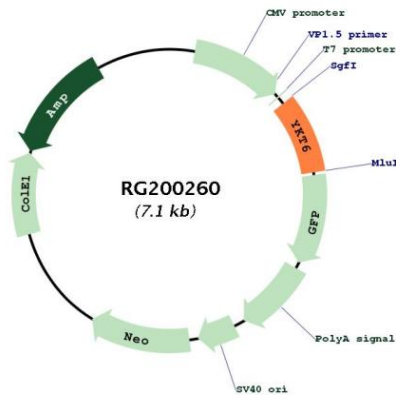
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**Cytogenetics:** 7p13  
**Domains:** synaptobrevin  
**Protein Pathways:** SNARE interactions in vesicular transport

**Gene Summary:** This gene product is one of the SNARE recognition molecules implicated in vesicular transport between secretory compartments. It is a membrane associated, isoprenylated protein that functions at the endoplasmic reticulum-Golgi transport step. This protein is highly conserved from yeast to human and can functionally complement the loss of the yeast homolog in the yeast secretory pathway. [provided by RefSeq, Jul 2008]

**Product images:**



Circular map for RG200260