

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 Neomycin

Selection:

Vector: pCMV6-AC-GFP (PS100010)

E. coli Selection: Ampicillin (100 ug/mL)

ORF Nucleotide >RG200260 representing NM_006555

Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ATGAAGCTGTACAGCCTCAGCGTCCTCTACAAAGGCGAGGCCAAGGTGGTGCTGCTCAAAGCCGCATACG
ATGTGTCTTCCTTCAGCTTTTTCCAGAGATCCAGCGTTCAGGAATTCATGACCTTCACGAGTCAACTGAT
TGTGGAGCGCTCATCGAAAGGCACTAGAGCTTCTGTCAAAGAACAAGACTATCTGTGCCACGTCTACGTC
CGGAATGATAGTCTTGCAGGTGTGGTCATTGCTGACAATGAATACCCATCCCGGGTGGCCTTTACCTTGC
TGGAGAAGGTACTAGATGAATTCTCCAAGCAAGTCGACAGGATAGACTGGCCAGTAGGATCCCCTGCTAC
AATCCATTACCCAGCCCTGGATGGTCACCTCAGTAGATACCAGAACCCACGAGAAGCTGATCCCATGACT
AAAGTGCAGGCCGAACTAGATGAGACCAAAATCATTCTGCACAACACCATGGAGTCTCTGTTAGAGCGAG
GTGAGAAGCTAGATGACTTGGTGTCCAAAATCCGAGGTGCTGGGAACACACAGTCTAAAGCCTTCTATAAAAC

TGCCCGGAAACAAACTCATGCTGTGCCATCATG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG200260 representing NM_006555

Red=Cloning site Green=Tags(s)

MKLYSLSVLYKGEAKVVLLKAAYDVSSFSFFQRSSVQEFMTFTSQLIVERSSKGTRASVKEQDYLCHVYV RNDSLAGVVIADNEYPSRVAFTLLEKVLDEFSKQVDRIDWPVGSPATIHYPALDGHLSRYQNPREADPMT

KVQAELDETKIILHNTMESLLERGEKLDDLVSKSEVLGTQSKAFYKTARKQNSCCAIM

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-Mlul



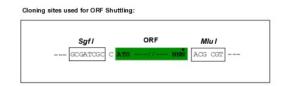
OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

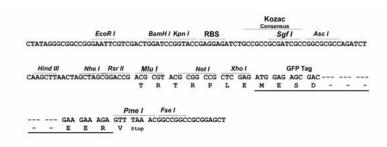
CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



Cloning Scheme:





ACCN: NM_006555

ORF Size: 594 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

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: <u>NM 006555.4</u>

 RefSeq Size:
 2783 bp

 RefSeq ORF:
 597 bp

 Locus ID:
 10652

 UniProt ID:
 015498



Cytogenetics: 7p13

Domains: synaptobrevin

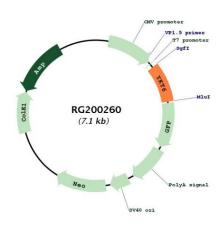
Protein Pathways: SNARE interactions in vesicular transport

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