

Product datasheet for **RR213917**

Yipf6 (NM_001025747) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Yipf6 (NM_001025747) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Yipf6
Synonyms:	MGC116126
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR213917 representing NM_001025747 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGAAGCGGAGGACTCTCCTGGAGAGCAGGAGGCAACGTCATCTAAGCCCCTGTTGCAGGGTTAT
CTGATGTGTCAATTTACAGGACATTCCCATAGAAGGAGAGATTACCATCCCCTCAGGAATCGTGCTCA
AGAATGTGACAGCTCCACTAAATGAATCCATTCGTCGGACCATCATGCGAGATCTAAAAGCTGTGGGA
AGGAAGTTTATGCACGTTTTATATCCAAGGAAAAGTAATACCCCTGTTAAGAGATTGGGACTGTGGGCGC
CGTTGATTCTTTGTGTGTCACTTGATTGATGCTACAGAAAAGTTCTGTAGAAGGGAAGAGGGATGGCGG
AAGCCCAGAGTTTGCAGAAGTGTTCGTTATCATCTGGTTTGGAGCAGTTACCATCACACTAAATCCAAA
CTTCTTGGTGGAAACATTTCTTTTTTTCAGAGTCTCTGTGATTAGGATACTGTGTACTTCTTTGAACA
TTGCAATGCTGATCTGCCGCTCCTGCTTTTGGCAGGGCAGGACCAATAAACTTCATGATTTCGACTTTT
TGTCGTGTTGGTGTGTTGCTTGGTCTGTGATAGCATCTACAGATTCTTGTGACTGCCAGCCTCCA
AACCGAAAAGCCCTGGCAGTGTATCCCGTCTTTTTATTCTACTTTGTTGTCAGTTGGATGATACTCACAT
TCACTCCA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >RR213917 representing NM_001025747
Red=Cloning site Green=Tags(s)

MAEAEDSPGEQATSSKPLFAGLSDVSIQDPIEGEITIPSGTRAQECDSSTLINESIRRTIMRDLKAVG
 RKFMHVL YPRKSNLLRDWDLWGPLILCVSLALMLQKSSVEGKRDDGGSPEFAEVFVIIWFGAVITLNSK
 LLGGNISFFQSLCVLGYCVLPLNIAMLICRLLLLAGQGPINFMIRLFVVLVMAFVSVIASTAFADCQPP
 NRKALAVYPVFLFYFVVSWMILTFTP

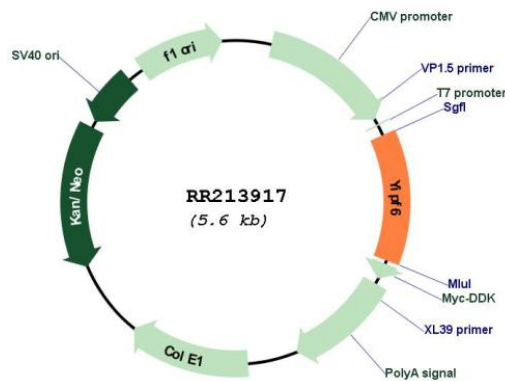
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001025747

ORF Size: 708 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:	<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:	NM_001025747.1 , NP_001020918.1
RefSeq Size:	2412 bp
RefSeq ORF:	711 bp
Locus ID:	363476
UniProt ID:	Q4QQU5
Cytogenetics:	Xq22
MW:	26.1 kDa
Gene Summary:	May be required for stable YIPF1 and YIPF2 protein expression.[UniProtKB/Swiss-Prot Function]