

Product datasheet for **MG221240**

Kcnk15 (NM_001030292) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Kcnk15 (NM_001030292) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Kcnk15
Synonyms: KCNK11; KCNK14; KT3.3; TASK5
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG221240 representing NM_001030292
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGCTGGAGCCGTCGGGGCGCACGAAACCGCACTCGGAGCGGGAGAGCCGCGATGAGGAAGCAGA
 GCGCGCGCACGGCGCGCTCATTCTGTGCATCCTGTCTACCTGCTGGTGGGTGCCGCTGTTTTCGATGC
 GCTGGAATCCGAGGCGGAGCGCAGCCGGCAGCGGCTGCTGGCTCGGAAGCGGGCGAGTCCGCAGAAAG
 TACCGCTTCTCCGCCGACGACTACCGCAGCTGGAGCGCCTGGCGCTGCAGGCCGAGCCGACCCGCCCG
 GCCGCCAGTGGCGCTTCGCAGGCTCCTTCTACTTCGCCATCACGGTCATCACCACCATCGGGTATGGTCA
 TGCCGCGCCGGGCACGGACTCGGGCAAAGTGTTCTGCATGTTCTATGCCCTCCTGGGCATACCCCTGACG
 CTGGTACCTTCCAGAGCCTGGGCGAGCGTCTAAACACACTGGTGCGGTGTCTGCTGCTGACAGCCAAGC
 GCTGCCTGGGCTGCGGCGGCCGCACGTCTGCTGAGAACATGGTGGTGGCCGGGCTGCTGCTCTGCGC
 AGCCACCTGGCCCTAGGTGCCATTGCCTTCGCGCACTTCGAGGGCTGGACCTTCTTCCACGCCTACTAC
 TACTGTTCACTCTCACCACCATAGGCTTCGGCGACTTCGTGGCGTTGCAGAGAGATGAGGGCGCTGC
 AGAGGAAGCCGCCCTACGTGGCCTTCAGCTTCTCTACATCCTGCTCGGGCTCACGGTCATCGGTGCCTT
 CCTCAACTGGTGGTCTGCGCTTCTCGCCAGCTCCGACGCCCCGGAACGCGCAGTCCACCGCCGTGTC
 AGCGTGTCCGAGGGGGCGCCCGAGAGCCGCGTCCGCGCCGGCGCTCCACCTGCATCCCCTACCCCT
 TCCATCAGCTGGAGACCTGGGCCCGTGACAACCCGGCCTTCTACCCCCCTTGAGCCAGAAAGCCACGCA
 TCATTGCCACAGCAGCCAGACAGACCCGAGCCCGGAGGAAGTCCATC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG221240 representing NM_001030292
 Red=Cloning site Green=Tags(s)

MELEPSGRTETGTRSGRAAMRKQSARTAALILCILSYLLVGAAVFDALESEAERSRQRLRLARKRGEFRRK
 YRFSAADYRELERLALQAEPHRAGRQWRFAGSFYFAITVITTIIGYGHAAPGTDSGKVFCMFYALLGIPLT
 LVTFQSLGERLNTLVRCLLLTAKRCLGLRRPHVSAENMVVAGLLLCAATLALGAIFAHFEGWTFHAYY
 YCFITLTTIGFGDFVALQRDEALQRKPPYVAFSFLYILLGLTVIGAFNLVLRFLASSDAPERAVHRRV
 SVFRRGAPESRVRAGASTCIPYPFHQLETWARDNPAFSPPLSPEATHHCHSSPDRPRARRKSI

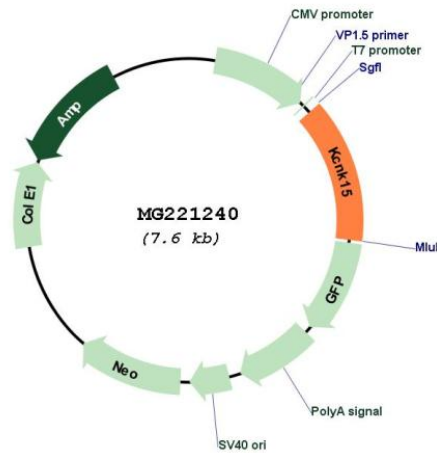
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001030292

ORF Size: 1029 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_001030292.1 , NP_001025463.1
RefSeq Size:	1032 bp
RefSeq ORF:	1032 bp
Locus ID:	241769
Cytogenetics:	2 H3