

Product datasheet for **MG203833**

Kctd15 (NM_146188) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Kctd15 (NM_146188) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Kctd15
Synonyms: BC031749
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG203833 representing NM_146188
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCTCACCGCAAGGAGCGGCCGAGCGGGTCCTCGTTAACGCACACGGCAGCAGCGGCACGGCGGAGG
GAGGAAATATGTCCCGGCTGTCACTCACCCGGTCGCCTGTGTCTCCCTGGCTGCCAGGGGATCCCACT
GCCAGCTCAGCTACCAAAGCCAACGCACCCGTGCACATCGATGTGGGAGGTACATGTATACGAGCAGC
CTGGCCCACTCACCAAGTACCCTGACTCCAGAATAAGCCGTCTTTCAACGGCACGGAGCCATTGTCC
TAGACAGTCTCAAGCAACATTATTTTCATCGACCGCATGGGAGATTTTCCGCTACATACTGAGTTTCCT
GCGGACGTCAAACTGCTGCTTCCAGATGACTTCAAGGACTTCAACCTGTGTATGAGGAGGCAAGGTAC
TACCAGCTGCAGCCCATGGTGCCTGAGCTGGAGCGCTGGCAGCAAGACCAAGAGCAAAGAGCTCGCAGCC
GGGCTGCGACTGCCTGGTGGTACGGGTACCCCTGACTTGGGTGAACGGATCGCACTCAGTGGTGAGAA
GGCCCTCATTGAGGAGGTCTTCCCGGAGACTGGAGACGTATGTGCAACTCTGTCAATGTGGCTGGAAC
CAGGACCCACACACGTATCCGTTTCCCTCTCAACGGCTACTGTAGACTCAACTCAGTGCAAGTCTTAG
AAAGGCTGTTTCAGAGAGGGTTCAGCGTGGCCGCATCTCGGGGGTGGTGTGGACTCTTCCAGTTCAG
CGAATATGTTCTTTGCCGGGAAGAGCGCGACACAGCCTACCCCAACTGCTGTCCGATAAAGCAGGAG
CCCTGGAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG203833 representing NM_146188
 Red=Cloning site Green=Tags(s)

MPHRKERPSGSSLSNAHGSSGTAEGGNMSRLSLTRSPVSPLAAQGIPLPAQLTKANAPVHIDVGGHMYTSS
 LATLTKYPDSRISRLFNGTEPIVLDLQHYFIDRDGEIFRYILSFLRTSKLLLPPDFKDFNLLYEEARY
 YQLQPMVRELERWQQDQEQRRRSRACDCLVVRVTPDLGERIALSGEKALIEEVFPETGDVMCNSVNAGWN
 QDPTHVIRFPLNGYCRLSVQVLERLFQRGF SVAASC GGGV DSSQFSEYVLCREERRPQPPTAVRIKQE
 PLD

TRTRPLE - GFP Tag - V

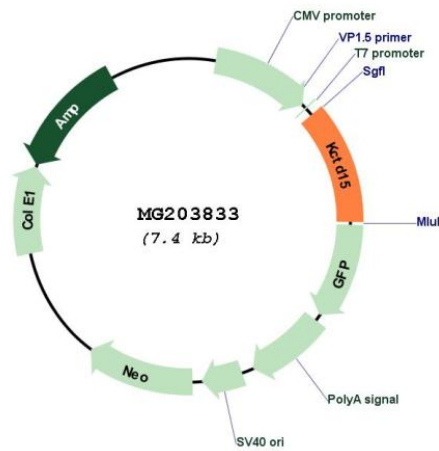
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN: NM_146188

ORF Size: 849 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_146188.2
RefSeq Size:	2489 bp
RefSeq ORF:	852 bp
Locus ID:	233107
UniProt ID:	Q8K0E1
Cytogenetics:	7 B2
Gene Summary:	During embryonic development, interferes with neural crest formation. Inhibits AP2 transcriptional activity by interaction with its activation domain (By similarity). [UniProtKB/Swiss-Prot Function]