

Product datasheet for **RG209801**

KCTD9 (NM_017634) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KCTD9 (NM_017634) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	KCTD9
Synonyms:	BTBD27
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG209801 representing NM_017634 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGCGGGTGACCCTGTTCTGAACGGCAGCCGCAAAAACGGAAAGGTGGTTGCTGTATATGGAACCT
TATCTGATTTGCTTTCTGTGGCCAGCAGTAAACTCGGCATAAAAGCCACCAGTGTGTATAATGGGAAAGG
TGGACTGATTGATGATATTGCTTTGATCAGGGATGATGATGTTTTGTTTGTGAAGGAGAGCCATTT
ATTGATCCTCAGACAGATTCTAAGCCTCCTGAGGGATTGTTAGGATCCACACAGACTGGCTGACATTAA
ATGTTGGAGGGCGGTACTTTACAACACACGGAGCACTTGTAGTAATAAAGAACCTGACAGTATGCTGGC
CCACATGTTAAAGGACAAAGGTGTCTGGGAAATAAGCAAGATCATAGAGGAGCTTTCTTAATTGACCGA
AGTCTGAGTACTTGAACCCATTTTGAACACTTGCCTCATGGACAGCTCATTGTAATGATGGCATTAA
ATTTATTGGGTGTGTTAGAAGAAGCAAGATTTTTTGGTATTGACTCATTGATTGAACACCTAGAAGTGGC
AATAAAGAATTCTCAACCACCGGAGGATCATTACCAATATCCCGAAAGGAATTTGTCCGATTTTGGCTA
GCAACTCCAACCAAGTCAGAAGTGCATGCCAGGGTTGAACTTCAGTGGTGTGATCTTTCTCGTTTGG
ACCTTCGATACATTAACCTCAAATGGCCAATTAAGCCGCTGTAATCTGCACATGCAATCTTTGCTG
TGCAAATCTTGAACGAGCTGATCTCTGGATCAGTGTGACTGTGCGAATCTCCAGGGAGTCAAGATG
CTCTGTCTAATGCAGAAGGAGCATCCCTGAACTGTGTAATTTGAGGATCCTTCTGGTCTTAAAGCCA
ATTTAGAAGGTGCTAATCTGAAAGGTGTGGATATGGAAGGAAGTCAGATGACAGGAATTAACCTGAGAGT
GGCTACCTTAAAAATGCAAAGTTGAAGAACTGTAACCTCAGAGGAGCAACTCTGGCAGGAACTGATTTA
GAGAATTGTGATCTGTCTGGGTGTGATCTTCAAGAAGCCAACCTGAGAGGGTCCAACGTGAAGGGAGCTA
TATTTGAAGAGATGCTGACACCACTACACATGTCACAAAGTGTCAGA

ACCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG209801 representing NM_017634
 Red=Cloning site Green=Tags(s)

MRRVTLFLNGSRKNGKVAVYGTLSDLLSVASSKLGIKATSVYNGKGLIDDIALIRDDDLVFCCEGEPF
 IDPQTDSPPEGLLGFHTDWLTLNVGGRYFTTTRSTLVNKEPDSMLAHMFKDKGVWGNKQDHRGAFLIDR
 SPEYFEPILNLYLRHQQLIVNDGINLLGVLEEARFFGIDSLIEHLEVAIKNSQPPEDHSPISRKEFVRFL
 ATPTKSELRCQGLNFGADLSRLDLRYINFKMANLSRCNLAHANLCCANLERADLSGSVLDKANLQGVKM
 LCSNAEGASLKL CNFEDPSGLKANLEGANLKGVDMEGSQMTGINLRVATLKNKLNKCNLRGATLAGTDL
 ENCDLSGCDLQEANLRGSNVKGAIFEEMLTPLHMSQSVR

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_017634

ORF Size: 1167 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: [NM_017634.2](#), [NP_060104.2](#)

RefSeq Size: 3353 bp

RefSeq ORF: 1170 bp

Locus ID: 54793

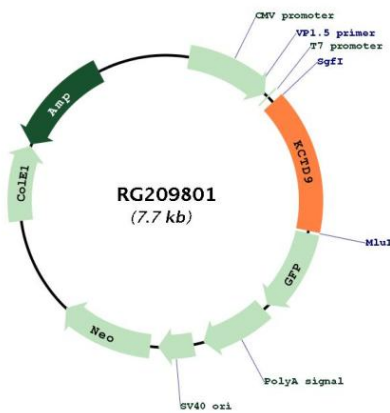
UniProt ID: [Q7L273](#)

Cytogenetics: 8p21.2

Domains: Pentapeptide

Gene Summary: Substrate-specific adapter of a BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex, which mediates the ubiquitination of target proteins, leading to their degradation by the proteasome.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG209801