

Product datasheet for RG215625

KNCN (NM_001097611) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Tag: TurboGFP
Symbol: KNCN
Synonyms: Kino; L5
Mammalian Cell: Neomycin
Selection:

Vector: pCMV6-AC-GFP (PS100010)

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

ORF Nucleotide Sequence: >RG215625 representing NM_001097611
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATCGACTCACTATAAGGCGGCCGGAATTCTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGACATCCCCATCAGCAGAGACTCCCGCCCTGCAGCTGGCTCGCTCTCGGCTGGTGG
 CTGGCAGCATCATTATCGGCATCTCGTATCCAAGGCTGCAGCTGCCATGGCGGTCTTTATTGGCGC
 TGCTGTTCTGGGAGCCTAAGAATCCATCCCCATCCAGGGCAGACCACGGGAAGGAAGATCCAGCACC
 AATGGCAACAAGGAAGGAGGCCGAGCAGCAGCTGTCCACCGTGAGCAGGACCTGGAGAAGCTGAAGCCG
 GGACCCGGGGGCTGAGGAATGC

ACCGTACGCGCCGCTCGAG - GFP Tag - GTTAA

Protein Sequence: >RG215625 representing NM_001097611
 Red=Cloning site Green=Tags(s)

MDIPISSRDFRGLQLACVALGLVAGSIIIGISVSAAAAMGGVFIGAAVLGSLRIHPHPGADHGEGRSST
 NGNKEGARSSLSTVSRTEKLKPGTRGAEEC

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-Mlul

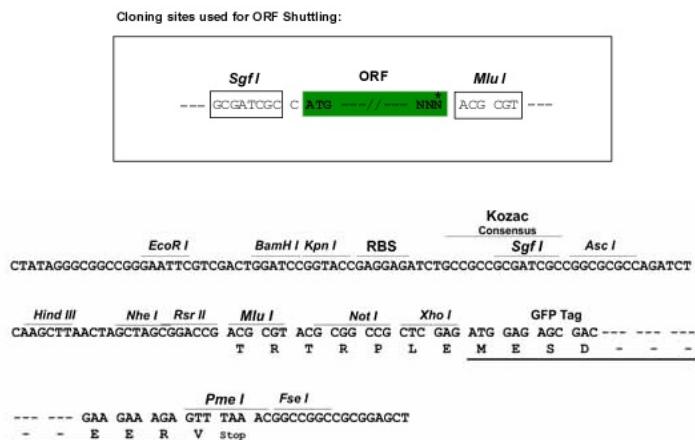


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This product is to be used for laboratory only. Not for diagnostic or therapeutic use.

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Cloning Scheme:**ACCN:** NM_001097611**ORF Size:** 303 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.

Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001097611.1 , NP_001091080.1
RefSeq Size:	2392 bp
RefSeq ORF:	306 bp
Locus ID:	148930
UniProt ID:	A6PVL3
Cytogenetics:	1p33
Protein Families:	Transmembrane
Gene Summary:	May play a role in stabilizing dense microtubular networks or in vesicular trafficking. [UniProtKB/Swiss-Prot Function]

Product images: