

## Product datasheet for **RG238097**

### DYNC1LI2 (NM\_001286157) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	DYNC1LI2 (NM_001286157) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	DYNC1LI2
Synonyms:	DNCLI2; LIC2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG238097 representing NM_001286157. Blue=ORF Red=Cloning site Green=Tag(s)

```
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CAGGAAGAAGTGGATAGAATGACTCGAAAGCCAGACTCTATGGTAACAAACTCTTCAACAGAAAATGAA
GCC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```



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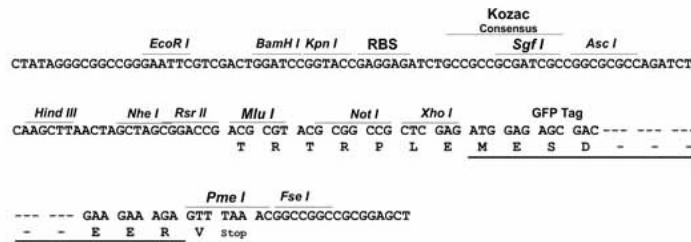
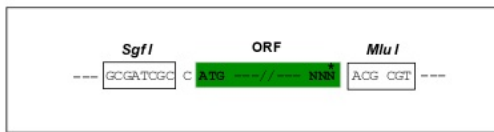
Protein Sequence: >Peptide sequence encoded by RG238097  
 Blue=ORF Red=Cloning site Green=Tag(s)

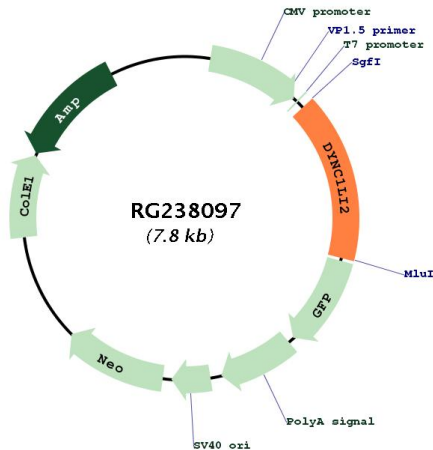
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Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



**Plasmid Map:**


**ACCN:** NM\_001286157

**ORF Size:** 1245 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).

**RefSeq:** [NM\\_001286157.1](#), [NP\\_001273086.1](#)

**RefSeq Size:** 4121 bp

**RefSeq ORF:** 1248 bp

**Locus ID:** 1783

**UniProt ID:** [O43237](#)

**Cytogenetics:** 16q22.1

**Protein Families:** Druggable Genome

**MW:** 45.5 kDa

**Gene Summary:** Cytoplasmic dynein is a microtubule-associated motor protein (Hughes et al., 1995 [PubMed 7738094]). See DYNC1H1 (MIM 600112) for general information about dyneins.[supplied by OMIM, Mar 2008]