

Product datasheet for RN202171

Dync2li1 (NM_001013940) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Dync2li1 (NM_001013940) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Dync2li1
 Synonyms: RGD1310286
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN202171 representing NM_001013940
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCAGTGAACTCTCTGGAAATCGCGAAGGCCGAGGTAGAGAAACGGAGATGCCATGGAAGTGACG
 GGGATGGAATGGAGATCGGAGAAAAATCTGTTTTCTTCATTGGCAGTAAAAATGGGGAAAGACTACGAT
 TATTCTACGGTGTCTTGACAGGGATGAGCCGGCAAAGCCGACCTTAGCTCTGGAATACACGTACGGAAGG
 AAAACCAAGGGGATAACACACCAAAGACATTGCTCACTTTTGGGAGCTGGGTGGAGGAACCTCGTTAC
 TGGACTTAATCAGCATCCAATTACAGTCGACACCTTAAGGACGTTTTCTATTGTTCTTGTGGATCT
 TTCCAAACCTAATGATCTTTGGCCACCATGAAAAATCTGTTGCAAGCCACAAAAAGCCAGTAGACAAG
 GTGACAAATGAAGCTGGGCAAGGCCAACTCGAAGGCCTCGTCTGAGATGAGGCAGAGGATGTGGAGCGTCA
 TGCAGAAGGACCATCCGGATCGTGAATTAATTGACCCATTTCCAATACCTCTGGTCATTATTGGAAGTAA
 ATATGACATTTTCCAGGATTTTGACCCTGAGAAGAGAAAGGTGATCTGTAAGACCCTGCGCTTTGTGGCG
 CATTACTACGGAGCCTCGCTGATGTTTACCAGCAAATCAGAAGCTCTGCTACTGAAGATGCGCGGTGCA
 TCAACCAGTTGGCATTGGTATTGATAAGAGGTATTGGTACATATTTTCCAATCAGTTCACCCGTTCCCG
 GGTGTCTTGTCTCCGCCACCCTTCCCTGCTTGATTTTCCCTCTATTAATTTTAGCACGTGTCTT
 TTCTGGCTTTGTCTGCTGCTGGTTGAGCTGGCTGTGGTGTGCTGTGCTGCAACCAGTGTATTGGCC
 ATTTGGGTCATTGCTTTTATCCG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_001013940
 Insert Size: 936 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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_001013940.1 , NP_001013962.1
RefSeq Size:	1689 bp
RefSeq ORF:	936 bp
Locus ID:	298767
UniProt ID:	Q6AY43
Cytogenetics:	6q12
Gene Summary:	Required for correct intraflagellar transport (IFT), the bi-directional movement of particles required for the assembly, maintenance and functioning of primary cilia. Involved in the regulation of ciliary length.[UniProtKB/Swiss-Prot Function]