

Product datasheet for **MC217978**

Dync2li1 (BC030450) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dync2li1 (BC030450) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dync2li1
Synonyms:	mD2LIC, LIC3, CGI-60, MGC40646, MGC7211
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>BC030450 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCAGTGAACTCTCTGGAAATCGCAAAGCTGAGGTAGAGAAACGGAGAAGTCATGGGAGCGAAG
GGGACGGAGCTGAAATCGGAGAAAAATCTGTTTTCTTCATTGGCAGTAAAAACGGGGAAAGACAACCAT
TATCCTAAGGTGTCTTGACAGGGATGAGTCAGCAAAGCCGACCTTAGCGTTGGAGTACACGTACGGAAGG
AAGACCAAGGGGCACAACACGCCAAAAGACATTGCTCACTTTTGGAACTGGGTGGAGGAACCTCCTTGC
TGGACTTAATCAGCATACCAATCACAGTCGACACCTTAAGGACATTTTCTATTGTTCTTGTGGATCT
TTCCAAACCTAATGATCTTTGGTCAACCATGAAAAATCTGTTGCAAGCCACAAAAAGCCATGTAGACAAG
GTGATAATGAAGCTGGGCAAGACAAGCTCCAAGGCTTCGGCCGAGATGCGGCAACGAATGTGGAGCGTGG
TGCAGAAGGACCATCCGGACCGGAATTAATTGACCCATTTCCAATACCTCTGGTCATTATTGGAAGTAA
ATATGATATTTCCAGGATTTTGATCCTGAGAAGAGAAAGGTGATATGTAAGACCCTGCGCTTTGTGGCA
CATTACTACGGAGCCTCGCTGATGTTTACCAGCAAGTCAGAAGCTCTGTTACTGAAGTACGCGGTGTTA
TCAACCAGTTGGCATTTCGGTATTGATAAAAGCAAATCAATATGTGTGGATCAAAAATAGCCACTGTTTAT
CACAGCAGGACTGGATTCTTTATGTAGATAGGGTCTCCTCCTGTTCTGACAGTGACATTGGAAAACCT
CAGGCCCACTCACCTATGGAGCTGTGAAAAAGGTGTATGACAAGCTCTCCACCAAAGAGTACCGGCA
CCCTGAAGGCGGTCCAGGACCCAGCCGAGACCCGAGTATGCAGAAAGCGAAGTCGATGAGATGAGGGT
TCAGAAGGACCAGGAAGTACAAGACTACAAGAGAAGCTCCTTAAGACCTGGAAGCAAATCGAGCTGGAC
TCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	BC030450



Insert Size:	1056 bp
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:	<u>BC030450</u> , <u>AAH30450</u>
RefSeq Size:	1370 bp
RefSeq ORF:	1055 bp
Locus ID:	213575
Cytogenetics:	17 E4
Gene Summary:	Required for correct intraflagellar transport (IFT), the bi-directional movement of particles required for the assembly, maintenance and functioning of primary cilia (PubMed:15371312). Involved in the regulation of ciliary length (By similarity).[UniProtKB/Swiss-Prot Function]