

Product datasheet for **RN210555**

Dynlrb1 (NM_131910) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: Dynlrb1

Synonyms: Dncl2a; km23

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >RN210555 representing NM_131910
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCAGAGGTGGAGGAACTCAAGAGGCTTCAGAGCCAGAAAGGAGTGCAGGGCATCATCGTGGTGA
ACACAGAAGGCATTCATCAAGAGCACAATGGACAATCCACCACGACACAGTACGCCAACCTCATGCA
CAACTTCATCTAAAGGCTCGGAGCACTGTGCGTGAGATTGACCCCAGAAATGACCTAACCTTCCTTCGA
ATTCGCTCCAAGAAAAATGAAATTATGGTGGCACCAGATAAAGACTATTCCTGATTGTGATTGAGAATC
CAACTGA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_131910

Insert Size: 291 bp



OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p>
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_131910.3 , NP_571985.1
RefSeq Size:	742 bp
RefSeq ORF:	291 bp
Locus ID:	170714
UniProt ID:	P62628
Cytogenetics:	3q41
Gene Summary:	microtubule-dependent motor which is down regulated by sensory stimulation [RGD, Feb 2006]