

Product datasheet for SC305925

DYNLRB2 (NM_130897) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DYNLRB2 (NM_130897) Human Untagged Clone
Tag:	Tag Free
Symbol:	DYNLRB2
Synonyms:	DNCL2B; DNLC2B; ROBLD2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC305925 representing NM_130897. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
 ATGGCAGAGGTGGAGGAAACCTTAAAGAGGATCCAGAGTCATAAAGGGTTATTGGAACATGTTGTGA
 AATGCAGAAGGTATTCCCATCCGAACAACCTTGGACAACCAACAACGTTCATATGCAGGCCCTCTT
 CATCACCTGACAATGAAAGCCAAAGCACAGTTCGTGATATTGATCCTCAGAACGACCTGACTTTTCTT
 AGGATCAGATCAAAGAAACATGAAATCATGGTAGCTCCAGATAAGGAATATCTTCTGATCGTCATTCA
 AATCCATGTGAATAG
 ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGCGCCGCGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_130897
Insert Size:	291 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.


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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>NM_130897.2</u>
RefSeq Size:	667 bp
RefSeq ORF:	291 bp
Locus ID:	83657
UniProt ID:	<u>Q8TF09</u>
Cytogenetics:	16q23.2
MW:	10.9 kDa
Gene Summary:	<p>Acts as one of several non-catalytic accessory components of the cytoplasmic dynein 1 complex that are thought to be involved in linking dynein to cargos and to adapter proteins that regulate dynein function. Cytoplasmic dynein 1 acts as a motor for the intracellular retrograde motility of vesicles and organelles along microtubules.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the shorter isoform (1).</p>