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Product datasheet for SC203864

DYNLL1 (NM_001037494) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	DYNLL1 (NM_001037494) Human 3' UTR Clone
Symbol:	DYNLL1
Synonyms:	DLC1; DLC8; DNCL1; DNCLC1; hdlc1; LC8; LC8a; PIN
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001037494
Insert Size:	313 bp
Insert Sequence:	>SC203864 3'UTR clone of NM_001037494 The sequence shown below is from the reference sequence of NM_001037494. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GTGGCCATTCTTCTGTTCAAATCTGGTTAAAAGCATGGACTGTGCCACACACCCAGTGATCCATCCAAA AACAAGGACTGCAGCCTAAATTCCAAATACCAGAGACTGAAATTTTCAGCCTTGCTAAGGGAACATCTC GATGTTTGAACCTTTGTTGTGTTTTGTACAGGGCATTCTCTGTACTAGTTTGTCGTGGTTATAAAACAA TTAGCAGAATAGCCTACATTTGTATTTATTTTCTATTCCATACTTCTGCCCACGTTGTTTTCTCTCAAA ATCCATTCCTTTAAAAAATAAATCTGATGCAGATGTG ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_001037494.2

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Summary: Cytoplasmic dyneins are large enzyme complexes with a molecular mass of about 1,200 kD. They contain two force-producing heads formed primarily from dynein heavy chains, and stalks linking the heads to a basal domain, which contains a varying number of accessory intermediate chains. The complex is involved in intracellular transport and motility. The protein described in this record is a light chain and exists as part of this complex but also physically interacts with and inhibits the activity of neuronal nitric oxide synthase. Binding of this protein destabilizes the neuronal nitric oxide synthase dimer, a conformation necessary for activity, and it may regulate numerous biologic processes through its effects on nitric oxide synthase activity. Alternate transcriptional splice variants have been characterized. [provided by RefSeq, Jul 2008]

Locus ID: 8655

MW: 11.9