

Product datasheet for SC317401

DNALI1 (NM_003462) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DNALI1 (NM_003462) Human Untagged Clone
Tag:	Tag Free
Symbol:	DNALI1
Synonyms:	dj423B22.5; hp28; P28
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317401 representing NM_003462. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGTGACGGCAAACAAGGCCACACTGGACAGGGCAGCTGCTGGGTTGCTACTCTCGCCTCCGCCATG
ATTCGCCCCGAGACTCTTTGCTCAAGTACGACACCCAGTGCTGGTGAGCCGGAACACGGAGAAACGG
AGCCCCAAGGCTCGGCTACTGAAAGTCAGCCCCCAGCAGCTGGACCTTCAGGTTTCAGCCCCACAGCCA
CCCAAGACCAAGCTCCCCTCAACTCCCTGTGTCCAGATCCTACAAGCAGGCAGAAGAAATCTTGAAT
GCCATACTACCCCAAGGAGTGGGTGGAAGACACGCAGCTATGGATCCAGCAGGTGTCCAGCACCCCT
AGCACCAGGATGGACGTGGTGCACCTCCAGGAGCAGTTAGACTTAAAGCTGCAGCAGCGCAGGCCAGG
GAAACAGGCATCTGCCCTGTCCGAGGAACTCTACTCACAGTGTGTTGATGAGTTGATCCGGGAGGTC
ACCATCAACTGTGCGGAGAGGGGCTGCTGCTGCTGCGAGTCCGGGACGAGATCCGCATGACCATCGCT
GCCTACCAGACCTGTACGAGAGCAGCGTGGCGTTTGGCATGAGGAAGGCACTGCAGGCTGAGCAGGGG
AAGTCAGACATGGAGAGGAAAAATCGCAGAATTGGAGACGAAAAGAGAGACCTGGAGAGGCAAGTGAAC
GAGCAGAAGGCAAAATGTGAAGCCACTGAGAAGCGGGAGAGCGAGAGGGCGCAGGTGGAGGAGAAGAG
CACAATGAGGAGATTCAGTTCCTGAAGCGAACAATCAGCAGCTGAAGGCCCAACTGGAAGGCATTATT
GCACCAAAGAAGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites:	Sgfl-MluI
Plasmid Map:	<input type="checkbox"/>
ACCN:	NM_003462
Insert Size:	843 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).
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.
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_003462.3
RefSeq Size:	2663 bp
RefSeq ORF:	843 bp
Locus ID:	7802
UniProt ID:	O14645
Cytogenetics:	1p34.3
Protein Pathways:	Huntington's disease
MW:	31.8 kDa
Gene Summary:	This gene is the human homolog of the Chlamydomonas inner dynein arm gene, p28. The precise function of this gene is not known, however, it is a potential candidate for immotile cilia syndrome (ICS). Ultrastructural defects of the inner dynein arms are seen in patients with ICS. Immotile mutant strains of Chlamydomonas, a biflagellated algae, exhibit similar defects. [provided by RefSeq, Jul 2008]