

Specifications:

Gene:	<i>h</i> DLK1
Accession:	NP_003827
Insert size:	1165bp
Concentration:	10µg at 0.2µg/µL

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

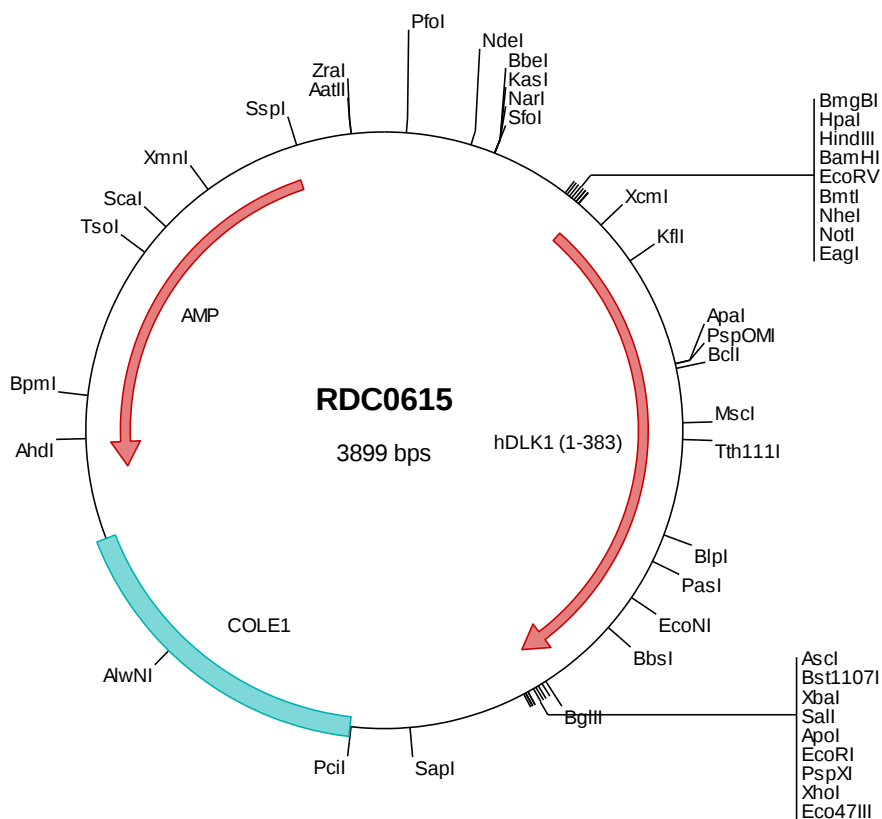
*h*Pref-1/DLK-1/FA1 cDNA Plasmid

**DLK1 delta-like 1 homolog
(Drosophila) [*Homo sapiens*]**

Also known as: DLK; FA1; ZOG;
pG2; DLK-1; PREF1; Delta1; Pref-1

Summary:

Delta-like-1 (DLK1) is a transmembrane protein containing six epidermal growth factor repeats and is frequently expressed at elevated levels in CD34(+) cells from patients with myelodysplastic syndromes. It is involved in the differentiation of several cell types, including adipocytes. DLK1 is also thought to be a tumor suppressor. A polymorphism within DLK1 has been associated with child and adolescent obesity.





> RDC0615 Plasmid DNA Sequence

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1   tcgcgcggtt cggatgatgac ggtgaaaacc tctgacacat gcagctcccg gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101  tcaggggcgc tcagcgggtg ttggcgggtg tcggggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgcatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaaggg ggaatgtctg caaggcgatt aagtgggta acgccagggt tttccagtc acgacgttgt aaaacgacgg ccagtgaatt
401  ggagacgtgt taacaagctt ggateccgata tcgctagcgc ggccgcacac atgaccgcga ccgaagccct cctgcgcgtc ctcttctctc tcttggcttt
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601  ggtccccctt gtgaccagtg cgtgacctct ccggcgctgc ttaccggact ctgtggagaa ccggggcagt gcatttgcac cgaaggcttg gacggggagc
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> RDC0615 Translated Insert Sequence

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201  idktcsrvt ncasspcqng gtclghtqvs yeclckpeft gltcvkkral spqqvtrlps gyglayrltp gvhelpvqqp ehrlkvsml elnkktpllt
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```