

Product datasheet for **RC212628**

DLL4 (NM_019074) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DLL4 (NM_019074) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	DLL4
Synonyms:	AOS6; delta4; hdelta2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC212628 representing NM_019074
 Red=Cloning site Blue=ORF Green=Tags(s)

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 GCC**CGGATCGCC**

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Protein Sequence: >RC212628 representing NM_019074
Red=Cloning site Green=Tags(s)

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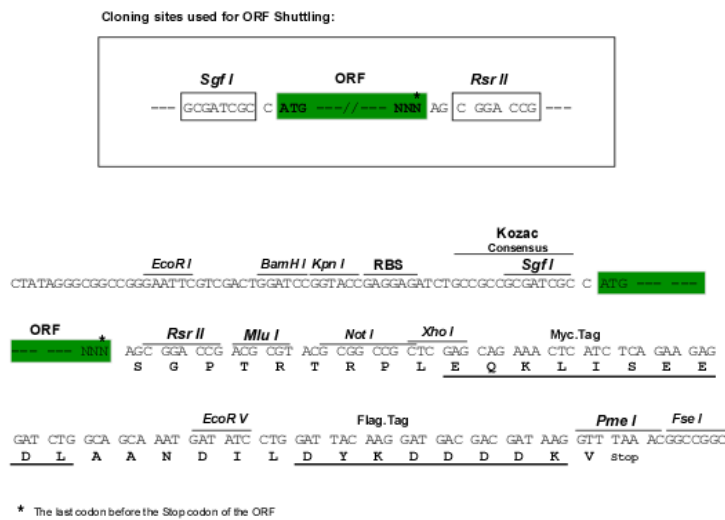
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SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6184_a06.zip

Restriction Sites: SgfI-RsrII

Cloning Scheme:



ACCN: NM_019074

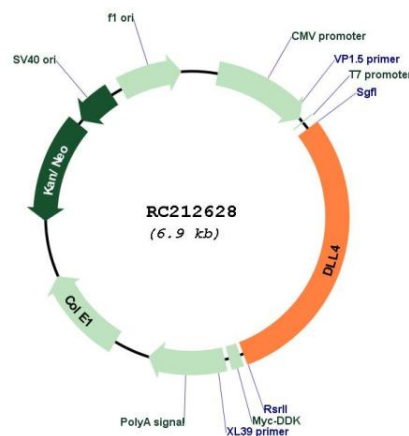
ORF Size: 2055 bp

OTI Disclaimer: 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](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_019074.4</u>
RefSeq Size:	3383 bp
RefSeq ORF:	2058 bp
Locus ID:	54567
UniProt ID:	<u>Q9NR61</u>
Cytogenetics:	15q15.1
Domains:	DSL, EGF
Protein Families:	Cancer stem cells, Druggable Genome, ES Cell Differentiation/IPS, Stem cell relevant signaling - DSL/Notch pathway, Transmembrane
Protein Pathways:	Notch signaling pathway
MW:	71.9 kDa
Gene Summary:	This gene is a homolog of the Drosophila delta gene. The delta gene family encodes Notch ligands that are characterized by a DSL domain, EGF repeats, and a transmembrane domain. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RC212628