

## Product datasheet for **RG222403**

### **DLL3 (NM\_203486) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	DLL3 (NM_203486) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	DLL3
Synonyms:	SCDO1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>RG222403 representing NM\_203486  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGTCTCCCCACGGATGTCGGGCTCCTCTCCAGACTGTGATCCTAGCGCTCATTTTCTCCCCAGA  
 CACGGCCCGCTGGCGTCTTCGAGCTGCAGATCCAATCTTTTCGGGCGGGTCCAGGCCCTGGGCCCCGCG  
 GTCCCCCTGCAGCGCCCGCTCCCTGCGCGCTTCTTTCAGAGTCTGCCTGAAGCCTGGGCTCTCAGAG  
 GAGGCCGCGAGTCCCGTGCGCCCTGGGCGGGCGTGTAGTGCAGCGGACCGTCTACACCGAGCAGC  
 CCGGAGCGCCCGCCTGATCTCCACTGCCGACGGCTCTTGCAGGTGCCCTTCGGGACGCCTGGCC  
 TGGCACCTTCTTTTATCATCGAAACCTGGAGAGAGGAGTTAGGAGACCAGATTGGAGGGCCCCGCTGG  
 AGCCTGTGGCGCGCTGGCTGGCAGGCGCGCTTGGCAGCCGGAGGCCGTGGGCCGGGACATTACAGC  
 GCGCAGGCGCCTGGGAGCTGCGCTTCTCGTACCGCGCGCTGCGAGCCGCTGCCGTGGGACCGCGTG  
 CACGCGCTCTGCCGTCCGCGCAGCGCCCTCGCGGTGCGGTCCGGGACTGCGCCCTGCGCACCGCTC  
 GAGGACGAATGTGAGGCGCCGCTGGTGTGCCGAGCAGGCTGCAGCCCTGAGCATGGCTTCTGTGAACAGC  
 CCGGTGAATGCCGATGCCTAGAGGGCTGGACTGGACCCCTCTGCACGGTCCCTGTCTCCACCAGCAGCTG  
 CCTCAGCCCCAGGGGCCGCTCTCTGCTACCACCGGATGCCTTGTCCCTGGGCTGGGCCCTGTGACGGG  
 AACCCGTGTGCCAATGGAGGCAGCTGTAGTGAGACACCAGGTCCTTTGAATGCACCTGCCCGCGTGGGT  
 TCTACGGGCTGCGGTGTGAGGTGAGCGGGTGACATGTGCAGATGGACCTGCTTCAACGGCGGCTTGTG  
 TGTGGGGGTGCAGACCTGACTCTGCCTACATCTGCCACTGCCACCCGGTTTCCAAGGCTCCAAGTGT  
 GAGAAGAGGGTGGACCGGTGCAGCCTGCAGCCATGCCCAATGGCGGACTCTGCCTGGACCTGGGCCACG  
 CCCTGCGCTGCCGTGCCGCGCGGCTTCCGGGTCCTCGCTGCGAGCAGCAGCTGGACGACTGCGCGGG  
 CCGCGCTGCGCTAACGGCGGCACGTGTGTGAGGGCGGGCGCGCACCGCTGCTCCTGCGCGCTGGGC  
 TTCGGCGCGCGACTGCCGCGAGCGCGGACCGTGCGCCGCGCGCCCTGTGCTCACGGCGCGCGCT  
 GCTACGCCCACTTCTCCGGCTCGTCTGCGCTTGCCTCCCGGCTACATGGGAGCGCGGTGTGAGTCCC  
 AGTGCACCCCGACGGCGCAAGCGCTTGCCTCGGCCCGCCCGGGCTCAGGCCCGGGACCCCTCAGCGC  
 TACCTTTTGCCTCCGGCTCTGGGACTGCTGTGGCCGCGGGCTGGCCGGCGCTGCGCTTGTGCTGGTCC  
 ACGTGCGCCCGCTGGCCACTCCAGGATGCTGGGTCTCGCTTGTGGCTGGGACCCCGGAGCCGTCAGT  
 CCACGCACTCCCGGATGCACTCAACAACCTAAGGACGCGAGGAGGTTCCGGGGATGGTCCGAGCTCGTCC  
 GTAGATTGAATCGCCCTGAAGATGTAGACCCTCAAGGGATTTATGTCATATCTGCTCCTCCATCTACG  
 CTCGGGAGGCC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:**

>RG222403 representing NM\_203486  
 Red=Cloning site Green=Tags(s)

MVSPRMSGLLSQTVILALIFLPQTRPAGVFELQIHSFGPGPGAPRSPCSARLPCRLFFRVCLKPGLSE  
 EAAESPCALGAALSARGPVYTEQPGAPAPDLPLPDGLLQVFRDAWPGTFSFIIETWREELGDQIGGPAW  
 SLLARVAGRRRLAAGGPWARDIQRAGAWELRFSYRARCPEPPAVGTACTRLCRPRSAPSRCPGLRPCAPL  
 EDECEAPLVCRAGCSPEHGFCEQPGECRCLEGTGPLCTVPVSTSSCLSPRGSSATTGCLVPGPGCDG  
 NPCANGGSCSETPRSFECTCPRGFYGLRCEVSGVTCADGPCFNGGLCVGGADPDSAYICHCPPGFQGSNC  
 EKRVDRCSLQPCRNGGLCLDLGHALRRCRAGFAGPRCEHDLDDCAGRACANGGTCVEGGGAHRSCALG  
 FGGDRCREADPCAARPCAHHGRCYAHFSGLVACAPGYMGARCEFPVHPDASALPAAPPGLRPGDPQR  
 YLLPVALGLLVAAGVAGAALLLVHVRRRGHSQDAGSRLLAGTPEPSVHALPDALNNLRTQEGSGDGPSS  
 VDWNRPEDVDPQGIYVISAPSIYAREA

**TRTRPLE** - GFP Tag - V

**Restriction Sites:**

Sgfl-MluI

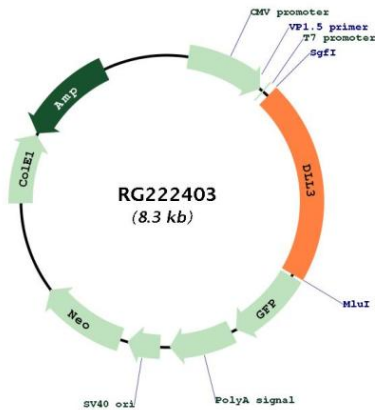


**Protein Families:** Cancer stem cells, Druggable Genome, ES Cell Differentiation/IPS, Stem cell relevant signaling - DSL/Notch pathway, Transmembrane

**Protein Pathways:** Notch signaling pathway

**Gene Summary:** This gene encodes a member of the delta protein ligand family. This family functions as Notch ligands that are characterized by a DSL domain, EGF repeats, and a transmembrane domain. Mutations in this gene cause autosomal recessive spondylocostal dysostosis 1. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]

**Product images:**



Circular map for RG222403