

## Product datasheet for **RG203217**

### **DELE1 (NM\_014773) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	DELE1 (NM_014773) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	DELE1
Synonyms:	DELE; DELE1(L); KIAA0141
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>RG203217 representing NM\_014773  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTGGCGCCTCCCGGGACTCCTGGGCCGAGCTCTCCCGTACACTGGGACCTAGCCTCTGGAGGGTGA  
 CTCCTAAGTCCACCAGCCAGATGGGCCTCAGACTACCTCCTCCACTTTGCTGGTTCTGTGCCTAACCT  
 CGACAGGTCAGGTCCCCATGGCCAGGCACGAGCGGGGTCCAAGTCCCATGGATGGAAGGATGCCTTC  
 CAATGGATGTCTTCCCGTGTCTCCCGAACACCCTATGGGATGCCATATCTTGGGCACTCTGGCCGTGC  
 TGGCCCTCGACTGGCAAGGCAGATCCACTTCCAGGCATCCCTGCCAGCAGGACCTCAGCGGGTAGAACA  
 CTGCTCCTGGCACAGTCCCCTGGACCGTTTCTTCTCATCTCCCTTGTGGCACCCATGCTCCTCACTGCGA  
 CAACACATCTCCCAGCCCCGATGGCCAGCTCCAGGCACACTGGCCTCAGGGAACCCAGGCTTGGCC  
 AGGAAGAAGCCTCAGCTCAGCCCCGAACTTCTCACAACTCTTTGAGAGGAGCTCGTCTCAGGACCC  
 CTCTGAGGAAGTCCCGGTGATTTTGGCTTCTGCATGCCAGTAGTAGCATCGAGTCCGAGGCAAAACCA  
 GCCCAGCCTCAGCCACTGGTAAAAGGAACAAGATAAATCAAAAACCTTTCCCTTGGAGAGGCTGTGA  
 CTTCCATTTCAGCAGCTTTCAGCTCAGTGTTCATCACTTTCAACTTCTGGGAACAGAGAACATGAA  
 GAGTGGCGACCACACGGCAGCCTTTTCTACTTCCAGAAAGCTGCAGCCCGGGCTACAGCAAAGCGCAG  
 TACAATGCGGGCTTGTGTATGAGCATGGCAGAGGCACCCCCAGGGACATTAGCAAGGCGGTCTTTATT  
 ATCAGTTGGTGGCAGCCAGGGCCACAGCCTGGCTCAGTACCGCTATGCCAGGTGCCTACTACGAGACCC  
 AGCCTCTTCGTGGAACCTGAGCGGCAGAGGGCAGTGTCTTGTGAAGCAGGCTGCAGACTCAGGCTTG  
 AGAGAGGCCCAAGCTTCTCGGGTGTCTTTCACCAAGGAGCCCTACCTGGATGAGCAGAGAGCTGTGA  
 AATATCTTGGCTTGCAGCCAACAATGGGGACTCACAGAGCAGGTACCACCTTGGAAATTTGCTATGAGAA  
 AGGCCTTGGTGTGCAGAGGAATCTGGGAGAGCCCTTGGATGTTACCAGCAGTACGCCGCTCTGGGAAAT  
 GAGGCCGCCAGGAGAGGCTGCGAGCCCTTTTTCCATGGGGGCTGCAGCCCCGGGGCCAGCGACCTGA  
 CAGTTACAGGACTGAAGTCTTCTCCAGCCCTCCCTCTGCAGCTTGAACACCCTGCTAGCAGGAACCTC  
 ACGCCTACCACATGCCTCGAGCACAGGCAACCTTGGCCTCCTCTGCAGAAGTGGGCATCTCGGAGCCAGC  
 CTGGAAGCCTCCAGCAGGGCTATTCCCCACACCCTACCCACTGGAAAGGAGTGTGTAAGACTAGGTT  
 TTGGC

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

**Protein Sequence:**

>RG203217 representing NM\_014773  
 Red=Cloning site Green=Tags(s)

MWRLPGLLGRALPRTLGPSTLWRVTPKSTSPDGPQTSSSTLLVPVNLDRSGPHGPGTSGGPRSHGWKDAF  
 QWMSRVSPNTLWDAISWGTLAVLALQLARQIHFAQSLPAGPQRVEHCSWHSPLDRFFSSPLWHPCSSLR  
 QHILPSPDGPAPRHTGLREPRLGQEEASAQPRNF SHNSLRGARPQDPSEEGP GDFGLHASSSIESEAKP  
 AQPQPTGEKEQDKSKTLSLEEAVTSIQQLFQLSVSITFNFLGTENMKS GDHTAAF SYFQKAAARGYSKAQ  
 YNAGLCHEHGRGTPRDISKAVLYYQLAASQGHSLAQYRYARCLLRDPASSWNPERQRAVSLKQAADSGL  
 REAQAFGLVLFTEPYLDEQRAVKYLWLAANNGDSQSRYLHGICYEKGLGVQRNLGEALRCYQQAALGN  
 EAAQERLRALFSMGAAAPGPSDLTVTGLKSFSSPSLCSLNTLLAGTSRLPHASSTGNLGLLCRSGHLGAS  
 LEASSRAIPHPYPLERSVVRLGFG

**TRTRPLE** - GFP Tag - V

**Restriction Sites:**

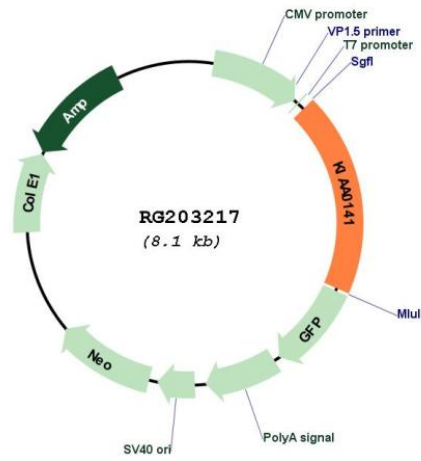
Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



<b>ACCN:</b>	NM_014773
<b>ORF Size:</b>	1545 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_014773.2</a> , <a href="#">NP_055588.2</a>
<b>RefSeq Size:</b>	3056 bp
<b>RefSeq ORF:</b>	1548 bp
<b>Locus ID:</b>	9812
<b>UniProt ID:</b>	<a href="#">Q14154</a>
<b>Cytogenetics:</b>	5q31.3
<b>Domains:</b>	SEL1
<b>Gene Summary:</b>	Essential for the induction of death receptor-mediated apoptosis through the regulation of caspase activation.[UniProtKB/Swiss-Prot Function]