

## Product datasheet for **RG231057**

### **DKKL1 (NM\_001197301) Human Tagged ORF Clone**

#### Product data:

Product Type: Expression Plasmids  
 Product Name: DKKL1 (NM\_001197301) Human Tagged ORF Clone  
 Tag: TurboGFP  
 Symbol: DKKL1  
 Synonyms: CT34; SGY; SGY-1; SGY1  
 Mammalian Cell Selection: Neomycin  
 Vector: pCMV6-AC-GFP (PS100010)  
 E. coli Selection: Ampicillin (100 ug/mL)  
 ORF Nucleotide Sequence: >RG231057 representing NM\_001197301  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGGAGAAGCCTCCCCACCTGCCCGCAAGGCGGCATCTGCTGGTCTGCTGCTCCTCTCTACCC  
 TGGTGATCCCCTCCGCTGCAGCTCCTATCCATGATGCTGACGCCAAGAGAGCTCCTTGGGTCTCACAGG  
 CCTCCAGAGCCTACTCCAAGGCTTCAGCCGACTTTTCTGAAAGGTAACCTGCTTCGGGGCAGATAGACAGC  
 TTATTCTGCCCCATGGACTTCGGGGCCTCCCTGGGAACACCACAAAGAGGAGAACCAGGAGCACC  
 AGCTGGGGAACAACACCCTCTCCAGCCACCTCCAGATCGACAAGGTACCCAGGATGGAGGAGAAGGAGGC  
 CCTGTTACCCATCCAGAAGGCCACGGACAGCTTCCACACAGAACTCCATCCCCGGGTGGCCTTCTGGATC  
 ATTAAGCTGCCACGGCGGAGGTCCACCAGGATGCCCTGGAGGGCGGCCACTGGCTCAGCGAGAAGCGAC  
 ACCGCCTGCAGGCCATCCGGGATGGACTCCGCAAGGGGACCCACAAGGACGTCCTAGAAGAGGGGACCGA  
 GAGCTCTCCACTCCAGGCTGTCCCCCGAAAGACCCACTTACTGTACATCCTCAGGCCCTCTCGGCAG  
 CTG

**ACGCGT**ACGCGGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)



<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_001197301.2</a>
<b>RefSeq Size:</b>	964 bp
<b>RefSeq ORF:</b>	636 bp
<b>Locus ID:</b>	27120
<b>UniProt ID:</b>	<a href="#">Q9UK85</a>
<b>Cytogenetics:</b>	19q13.33
<b>Protein Families:</b>	ES Cell Differentiation/IPS, Secreted Protein, Transmembrane
<b>Gene Summary:</b>	The dickkopf protein family interacts with the Wnt signaling pathway and its members are characterized by two conserved cysteine-rich domains. This gene encodes a secreted protein that has low sequence similarity to the dickkopf-3 protein. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Oct 2010]