

Product datasheet for **RG227752**

SDK2 (NM_001144952) Human Tagged ORF Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | SDK2 (NM_001144952) Human Tagged ORF Clone |
| Tag: | TurboGFP |
| Symbol: | SDK2 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC-GFP (PS100010) |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| ORF Nucleotide Sequence: | >RG227752 representing NM_001144952 Red=Cloning site Blue=ORF Green=Tags(s) |

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GCC**CGATCGCC**

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CCTGGGCACGGAGAGCCATCCTCGTATCCGCTGGACAGAAACGGCTCCCTGCACATCTCACAGACGTGG
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ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG227752 representing NM_001144952
 Red=Cloning site Green=Tags(s)

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FV
  
```

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

Reconstitution Method:

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: [NM_001144952.2](#)

RefSeq Size: 10796 bp

RefSeq ORF: 6519 bp

Locus ID: 54549

UniProt ID: [Q58EX2](#)

Cytogenetics: 17q25.1

Gene Summary: The protein encoded by this gene is a member of the immunoglobulin superfamily. The protein contains two immunoglobulin domains and thirteen fibronectin type III domains. Fibronectin type III domains are present in both extracellular and intracellular proteins and tandem repeats are known to contain binding sites for DNA, heparin and the cell surface. This protein, and a homologous mouse sequence, are very similar to the Drosophila sidekick gene product but the specific function of this superfamily member is not yet known. Evidence for alternative splicing at this gene locus has been observed but the full-length nature of additional variants has not yet been determined. [provided by RefSeq, Jul 2008]