

Product datasheet for **RG223564**

SLITRK6 (NM_032229) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLITRK6 (NM_032229) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	SLITRK6
Synonyms:	DFNMYP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG223564 representing NM_032229
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAAGCTGTGGATTCATCTCTTTTATTTCATCTCTCCTTGCTGTATATCTTTACTCCCAAACCTCCAG
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 AAATGAGTATTTGAACTTAAAGCTAATTTACATGCTGAACCTGACTATTTAGAAGTCTGGAGCAGCAA
 ACA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG223564 representing NM_032229
Red=Cloning site Green=Tags(s)

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MKLWIHLFYSSLLACISLHSQTPVLSRRGSCDSLNCNCEEKDGTMLINCEAKGIKMVSEISVPPSRPFQLS
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LDLQLEDNKWACNCDLLQLKTWLENMPPQSIIGDVVCNSPPFFKGSILSRLKKEICPTPPVYEEHEDPS
GSLHLAATSSINDSRMSTKTTSSILKLPKAPGLIPYITKPSQTLPGPYCPIPCNCKVLSPSGLLIHCQER
NIESLSDLRPPPQNRKLIILAGNIIHSLMKSDLVEYFTLEMLHLGNNRIEVL EEGSFMNLTRLQKLYLNG
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T
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TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-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_032229.3](#)

RefSeq Size: 4199 bp

RefSeq ORF: 2526 bp

Locus ID: 84189

UniProt ID: [Q9H5Y7](#)

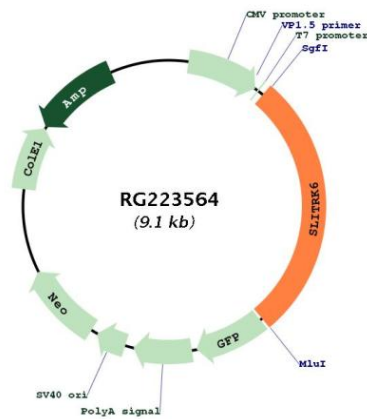
Cytogenetics: 13q31.1

Domains: LRRCT, LRR, LRR_TYP, LRR_PS

Protein Families: Druggable Genome, Transmembrane

Gene Summary: This gene encodes a member of the SLITRK protein family. Members of this family are integral membrane proteins that are characterized by two N-terminal leucine-rich repeat (LRR) domains and a C-terminal region that shares homology with trk neurotrophin receptors. This protein functions as a regulator of neurite outgrowth required for normal hearing and vision. Mutations in this gene are a cause of myopia and deafness. [provided by RefSeq, Dec 2014]

Product images:



Circular map for RG223564