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Product datasheet for RC227561

SLITRK2 (NM_001144010) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLITRK2 (NM_001144010) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	SLITRK2
Synonyms:	CXorf1; CXorf2; SLITL1; TMEM257
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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ORF Nucleotide Sequence:

>RC227561 representing NM_001144010.
Blue=ORF Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
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CATGCTGACACCCACGTCCAAAGGCTGTCACCTACAATGAATCCTGCTCTCAACCCAACCAGGGCTCCG
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Protein Sequence:

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>Peptide sequence encoded by RC227561
Blue=ORF Red=Cloning site Green=Tag(s)

MLSGVWFLSVLTVAGILQTESRKTAKDICKIRCLCEEKENVLNINCENKGFTTVSLLQPPQYRIYQLFL
NGNLLTRLYPNEFVNYSNAVTLHLGNNGLQEIRTGAFSGLKTLKRLHLNNNKLEILREDTFLGLESLEY
LQADYNYISAIEAGAFSKLNKLKVLILNDNLLLSLPSNVFRFVLLTHLDLRGNRLKVMPFAGVLEHIGG
IMEIQLEENPWNCTCDLLPLKAWLDTITVFVGEIVCETPFRLHGKDVTQLTRQDLCPRKSASDSSQRGS
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CTSQSSDNGLNVNCQERKFTNISDLQPKPTSPKKLYLTGNYLQTVYKNDLLEYSSLDLLHLGNNRIAVI
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EPDYLEVLEKQTAISQL
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Chromatograms: https://cdn.origene.com/chromatograms/mg4079_e01.zip

Restriction Sites: SgfI-MluI

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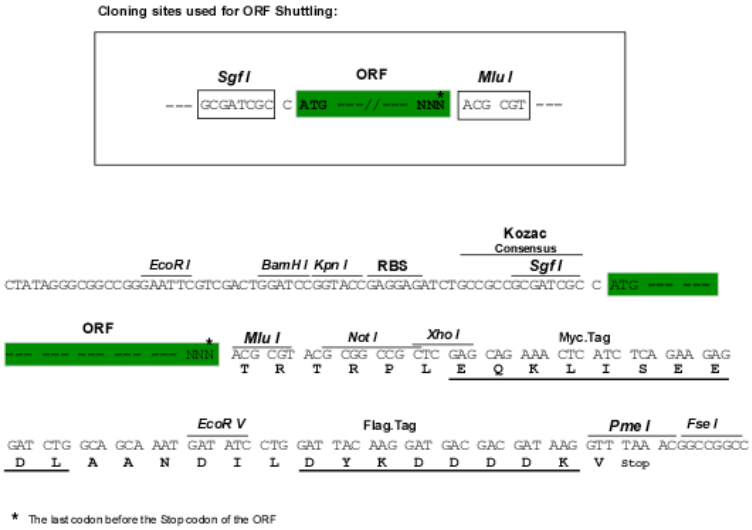
Cloning Scheme:



ACCN:	NM_001144010
ORF Size:	2535 bp
OTI Disclaimer:	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. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	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).

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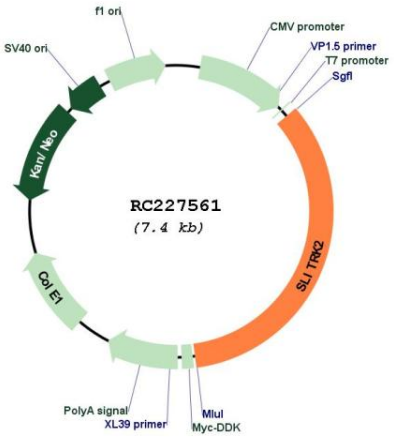
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid 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 Size:	4144 bp
RefSeq ORF:	2538 bp
Locus ID:	84631
UniProt ID:	Q9H156
Cytogenetics:	Xq27.3
Protein Families:	Transmembrane
MW:	95.4 kDa
Gene Summary:	This gene encodes an integral membrane protein that contains two N-terminal leucine-rich repeats domains and contains C-terminal regions similar to neurotrophin receptors. The encoded protein may play a role in modulating neurite activity. Alternatively spliced transcript variants encoding the same protein have been described.[provided by RefSeq, Feb 2010]

Product images:



Circular map for RC227561

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