

Product datasheet for **SC107561**

SLITRK2 (NM_032539) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLITRK2 (NM_032539) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLITRK2
Synonyms:	CXorf1; CXorf2; SLITL1; TMEM257
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC107561 sequence for NM_032539 edited (data generated by NextGen Sequencing)

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ATGCTGAGCGGCGTTTGGTTCCTCAGTGTGTTAACCGTGGCCGGGATCTTACAGACAGAG
AGTCGCAAACTGCCAAAGACATTTGCAAGATCCGCTGTCTGTGCGAAGAAAAGGAAAAC
GTACTGAATATCAACTGTGAGAACAAAGGATTTACAACAGTTAGCCTGCTCCAGCCCCC
CAGTATCGAATCTATCAGCTTTTTCTCAATGGAAACCTTTGACAAGACTGTATCCAAC
GAATTTGTCAATTACTCCAACGCGGTGACTCTTACCTAGGTAACAACGGGTTACAGGAG
ATCCGAACGGGGCATTAGTGGCCTGAAAACCTCTCAAAAGACTGCATCTCAACAACAAC
AAGCTTGAGATATTGAGGGAGGACACCTTCTAGGCCTGGAGAGCCTGGAGTATCTCCAG
GCCGACTACAATTACATCAGTGCCATCGAGGCTGGGGCATTAGCAAACTTAACAAGCTC
AAAGTGCTCATCTGAATGACAACCTTCTGCTTTCAGTCCCAGCAATGTGTTCCGCTTT
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GCAATCAGTCAGCTGTGA
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Clone variation with respect to NM_032539.4
939 t=>c;1495 c=>t;1801 t=>c

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_032539 unedited
 GGCCGCGAAATTCGCACGAGGCTCAGCTCCAACCTTCTCTTCCGCTCCTGCCTCCTGTC
 GGATTTTTAATTTCTGCGCACCCCAAGTCAAATTAATCAACCAACAAAAAGCAGGGCAT
 CCCCCCTGGAAGCAGCGTCTATTTTACCTTGTCTCCCACTTCTGAAGATGCTAAACT
 CCTGGTGGACTGCAGAGGAGAGGGATTCACTTCTCTGATGTGCGATTGCGATTCTGC
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 GATGGGCAGGATTTAGTAGGACAACCTCGTTACTAATGACTTGGCGGCTGGCTGCGACCC
 CCCGGGAAATCAGGTTTGCTGTAGGTACCTGAGTTGACACCGAAGGTGCCTAAAGATGC
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 ATCGAATCTATCAGCTTTTTCTCAATGGAACCTCTTGACAAGACTGTATCCAAACGAAT
 TTGTCAATTACTCCAACGCGGTGACTCTTACCTANGTAACAACGGGTTACAGGGAGAAT
 CCGAACGGGNGGCATTCACTGGGCTGAAAACCTCTCAAAGACTGCATCTCAACACAACA
 GCTTGAATATTTGNAGGGAGGACACCTTCTAGCNCTCGNAAGCCCTGGAGATTTTCCA
 GGCCGACTACCATTACATCAGTGCATNGGAGGGTTGGGGCATTACAGCAACTTACAGGC
 TTAA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_032539 unedited
 AGTGTACGTGGCCGAATCNANGTCGAGTTTATTTCTTTTTTTTTTTTTTTTTTTTTTTTGG
 GGGTAAATATATTTTATTAATGAATTATTAATCCTGACTGAGGTGGCTTATTACCTTAG
 TCCACTGTAAATCCCCTTAGTTGACTTAAATAAAATCACTTAAACCCAGAGGAAAGGAA
 ATATTTTATAGTTAAGCCTACAAAGTCTATAACTAGAATCATTGATGACAGGCTGGGT
 TCTATAACTCAAGCAAACTGTACGTTGACTTAAATATAGCTGACACATCAATCTATTTTAC
 AGTGGTTTCAATTTCAAAAATACCACACATTAATAATTTTCAATTTATCAAAGCTAAAA
 GCAACATTTAAGTAATGTACTTAAAGTGCGAAGGCACCTTAAACACAAAGTAGTGATACCC
 AGTGGCTATACTCGTAAGTACTGACGATGGAATACCATATATCATTATTTACAAAAGAAAGT
 TGTAGTCACAAAAGATCTTTGGAGATCTTCTACAAAATACACTAAATATCCATTTTCATT
 TGAAGTATTTGCCTATTTCTTTCAGTCACTATAATCTCCTCTTCCCACTCCCACTG
 GAAAAACAAGAAGAAAAAAGAAAACCCCTTAAACAAAATCTATGAAGAAATGCATTGT
 AGAAACATTCATGTCCACTGATGGTCCCTAAGAAGAGAAGGGGAAAAAGAAAAAAAAAAAA
 AAAAAAAAAAAGAGGGGAGGAGCCAGAGAAAAAATTTAAAGGGAAACTTGCNAAG
 CCAAAATCATGACTTCATCCTATCTCTCACACATTTTCAAGGTCCCACTTACACTGGGGA
 AAGGAGGACCAAAAACAACCCCAAAGCTTATGTCCTTGGTTTCAACAGTTCGGAGCACATT
 CTCTGATGGCTTAAGGGTTGAAAATGATTTTCTTCCAGCTGACTGATTGCGGTTGGTTT
 TC

Restriction Sites:

NotI-NotI

ACCN:

NM_032539

Insert Size:

4000 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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).

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_032539.2](#), [NP_115928.1](#)

RefSeq Size: 5022 bp

RefSeq ORF: 2538 bp

Locus ID: 84631

UniProt ID: [Q9H156](#)

Cytogenetics: Xq27.3

Protein Families: Transmembrane

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]
Transcript Variant: This variant (1) represents the longest transcript. All 9 variants encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.