

Product datasheet for **SC325354**

SLITRK2 (NM_001144004) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLITRK2 (NM_001144004) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLITRK2
Synonyms:	CXorf1; CXorf2; SLITL1; TMEM257
Vector:	<u>pCMV6 series</u>



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for NM_001144004, the custom clone sequence may differ by one or more nucleotides

```

ATGCTGAGCGGCGTTTGGTTCCTCAGTGTGTTAACCGTGGCCGGGATCTTACAGACAGAG
AGTCGCAAACTGCCAAAGACATTTGCAAGATCCGCTGTCTGTGCGAAGAAAAGGAAAAC
GTACTGAATATCAACTGTGAGAACAAAGGATTTACAACAGTTAGCCTGCTCCAGCCCCC
CAGTATCGAATCTATCAGCTTTTTCTCAATGGAAACCTTTGACAAGACTGTATCCAAC
GAATTTGTCAATTACTCCAACGCGGTGACTCTTACCTAGGTAACAACGGGTTACAGGAG
ATCCGAACGGGGCATTAGTGGCCTGAAAACCTCAAAAGACTGCATCTCAACAACAAC
AAGCTTGAGATATTGAGGGAGGACACCTTCTAGGCCTGGAGAGCCTGGAGTATCTCCAG
GCCGACTACAATTACATCAGTGCCATCGAGGCTGGGGCATTAGCAAACTTAACAAGCTC
AAAGTGCTCATCTGAATGACAACCTTCTGCTTTCAGTCCCAGCAATGTGTTCCGCTTT
GTCCTGCTGACCCACTTAGACCTCAGGGGAATAGGCTAAAAGTAATGCCTTTTGTGGC
GTCCTTGAACATATTGGAGGGATCATGGAGATTCAGCTGGAGGAAAATCCATGGAATTGC
ACTTGTGACTTACTTCTCAAGGCTGGCTAGACACCATAACTGTTTTTGTGGGAGAG
ATTGTCTGTGAGACTCCCTTTAGTTGCATGGGAAAGACGTGACCCAGCTGACCAGCAA
GACCTCTGTCCCAGAAAAGTGCCAGTGATTCCAGTCAGAGGGGAGCCATGCTGACACC
CACGTCCAAGGCTGTACCTACAATGAATCCTGCTCTCAACCAACCAGGGCTCCGAAA
GCCAGCCGGCCGCCCCAAAATGAGAAATCGTCCAACCTCCTCGAGTGACTGTGTCAAAGGAC
AGGCAAAGTTTTGGACCCATCATGGTGTACCAGACCAAGTCTCCTGTGCCTCACCTGT
CCCAGCAGCTGTGTCTGCACCTCTCAGAGCTCAGACAATGGTCTGAATGTAACTGCCAA
GAAAGGAAGTTCCTAATATCTCTGACCTGCAGCCAAACCGACCAAGTCCAAAGAACTC
TACCTAACAGGGAATCTTCAAACCTGTCTATAAGAATGACCTTTAGAATACAGTTCT
TTGGACTTACTGCACCTTAGGAAACAACAGGATTGCAGTCATTGAGGAGGTGCCTTTACA
AACCTGACCAGTTTACGCAGACTTTATCTGAATGGCAATTACCTTGAAGTGTGTACCCT
TCTATGTTTGTGACTGCAGAGCTTGCAATATCTCTATTTAGAGTATAATGTCATTAAG
GAAATTAAGCCTCTGACCTTTGATGCTTTGATTAACCTACAGCTACTGTTTCTGAACAAC
AACCTTCTCGGTCTTACCTGATAATATATTTGGGGGACGGCCCTAACAGGCTGAAT
CTGAGAAACAACCATTTTTCTCACCTGCCCGTAAAAGGGTCTGGATCAGCTCCCGCT
TTCATCCAGATAGATCTGCAGGAGAACCCTGGGACTGTACCTGTGACATCATGGGGCTG
AAAGACTGGACAGAACATGCCAATCCCCTGTCATCATTAAATGAGGTGACTTGCGAATCT
CCTGCTAAGCATGCAGGGGAGATACTAAAATTTCTGGGGAGGAGGCTATCTGTCCAGAC
AGCCCAAACCTTGTGAGTGAACCGTCTTGTCAATGAATCACAATACAGACACACCTCGG
TCGCTTAGTGTGCTCCTAGTTCCTATCCTGAACTACACACTGAAGTTCCACTGTCTGTC
TTAATCTGGGATTGCTTGTGTTTTATCTTATCTGTCTGTTTTGGGGCTGGTTTATTC
GTCTTTGTCTTGAACCGCGAAAGGGAGTGCCGAGCGTCCCAGGAATACCAACAACCTTA
GACGTAAGCTCCTTTCAATTACAGTATGGGTCTTACAACACTGAGACTCACGATAAAACA
GACGGCCATGTCTACAATATATCCCCACCTGTGGGTGAGATGTGCCAAAACCCCATC
TACATGCAGAAGGAAGGAGACCCAGTGCCTATTACCGAAACCTGCAAGAGTTGAGTAT
AGCAACCTGGAGGAGAAAAAGAAGAGCCAGCCACACCTGCTTACACAATAAAGTGCCACT
GAGCTGTAGAAAAGCAGGCCACACCAAGAGAGCCTGAGCTGTGTATCAAAATATTGCT
GAGCGAGTCAAGGAACCTCCAGCGCAGGCCTAGTCCACTATAACTTTTTGTACCTTACCT
AAAAGGCAGTTTGCCCTTCTATGAATCTCGACGCCAAAACCAAGACAGAATCAATAAA
ACCGTTTTATATGGAACCTCCAGGAAATGCTTTGTGGGGCAGTCAAAACCAACCACCT
TTACTGCAAGCTAAGCCGAATCAGAACCAGGACTACCTCGAAGTCTGGAAAAACAACCT
GCAATCAGTCAGCTG

```

Restriction Sites: Please inquire
ACCN: NM_001144004
Insert Size: 3922 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<ol style="list-style-type: none"> 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:	<u>NM_001144004.1</u> , <u>NP_001137476.1</u>
RefSeq Size:	3922 bp
RefSeq ORF:	2538 bp
Locus ID:	84631
UniProt ID:	<u>Q9H156</u>
Cytogenetics:	Xq27.3
Protein Families:	Transmembrane
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR compared to variant 1. 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.</p>