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Product datasheet for SC325356

SLITRK2 (NM_001144006) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLITRK2 (NM_001144006) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLITRK2
Synonyms:	CXorf1; CXorf2; SLITL1; TMEM257
Vector:	pCMV6 series

View online »

Fully Sequenced ORF:

>NCBI ORF sequence for NM_001144006, the custom clone sequence may differ by one or more nucleotides

ATGCTGAGCGGCGTTTGGTTCCTCAGTGTGTTAACCGTGGCCGGGATCTTACAGACAGAG
AGTCGCAAAACTGCCAAAGACATTTGCAAGATCCGCTGTCTGTGCGAAGAAAAGGAAAAC
GTACTGAATATCAACTGTGAGAACAAAGGATTTACAACAGTTAGCCTGCTCCAGCCCCCC
CAGTATCGAATCTATCAGCTTTTTCTCAATGGAAACCTCTTGACAAGACTGTATCCAAAC
GAATTTGTCAATTACTCCAACGCGGTGACTCTTCACCTAGGTAACAACGGGTTACAGGAG
ATCCGAACGGGGGCATTCAGTGGCCTGAAAACTCTCAAAAGACTGCATCTCAACAACAAC
AAGCTTGAGATATTGAGGGAGGACACCTTCCTAGGCCTGGAGAGCCTGGAGTATCTCCAG
GCCGACTACAATTACATCAGTGCCATCGAGGCTGGGGCATTCAGCAAACTTAACAAGCTC
AAAGTGCTCATCCTGAATGACAACCTTCTGCTTTCACTGCCCAGCAATGTGTTCCGCTTT
GTCCTGCTGACCCACTTAGACCTCAGGGGGAATAGGCTAAAAGTAATGCCTTTTGCTGGC
GTCCTTGAACATATTGGAGGGATCATGGAGATTCAGCTGGAGGAAAATCCATGGAATTGC
ACTTGTGACTTACTTCCTCTCAAGGCCTGGCTAGACACCATAACTGTTTTTGTGGGAGAG
ATTGTCTGTGAGACTCCCTTTAGGTTGCATGGGAAAGACGTGACCCAGCTGACCAGGCAA
GACCTCTGTCCCAGAAAAAGTGCCAGTGATTCCAGTCAGAGGGGCAGCCATGCTGACACC
CACGTCCAAAGGCTGTCACCTACAATGAATCCTGCTCTCAACCCAACCAGGGCTCCGAAA
GCCAGCCGGCCGCCCAAAATGAGAAATCGTCCAACTCCTCGAGTGACTGTGTCAAAGGAC
AGGCAAAGTTTTGGACCCATCATGGTGTACCAGACCAAGTCTCCTGTGCCTCTCACCTGT
CCCAGCAGCTGTGTCTGCACCTCTCAGAGCTCAGACAATGGTCTGAATGTAAACTGCCAA
GAAAGGAAGTTCACTAATATCTCTGACCTGCAGCCCAAACCGACCAGTCCAAAGAAACTC
TACCTAACAGGGAACTATCTTCAAACTGTCTATAAGAATGACCTCTTAGAATACAGTTCT
TTGGACTTACTGCACTTAGGAAACAACAGGATTGCAGTCATTCAGGAAGGTGCCTTTACA
AACCTGACCAGTTTACGCAGACTTTATCTGAATGGCAATTACCTTGAAGTGCTGTACCCT
TCTATGTTTGATGGACTGCAGAGCTTGCAATATCTCTATTTAGAGTATAATGTCATTAAG
GAAATTAAGCCTCTGACCTTTGATGCTTTGATTAACCTACAGCTACTGTTTCTGAACAAC
AACCTTCTTCGGTCCTTACCTGATAATATATTTGGGGGGACGGCCCTAACCAGGCTGAAT
CTGAGAAACAACCATTTTTCTCACCTGCCCGTGAAAGGGGTTCTGGATCAGCTCCCGGCT
TTCATCCAGATAGATCTGCAGGAGAACCCCTGGGACTGTACCTGTGACATCATGGGGCTG
AAAGACTGGACAGAACATGCCAATTCCCCTGTCATCATTAATGAGGTGACTTGCGAATCT
CCTGCTAAGCATGCAGGGGAGATACTAAAATTTCTGGGGAGGGAGGCTATCTGTCCAGAC
AGCCCAAACTTGTCAGATGGAACCGTCTTGTCAATGAATCACAATACAGACACACCTCGG
TCGCTTAGTGTGTCTCCTAGTTCCTATCCTGAACTACACACTGAAGTTCCACTGTCTGTC
TTAATTCTGGGATTGCTTGTTGTTTTCATCTTATCTGTCTGTTTTGGGGCTGGTTTATTC
GTCTTTGTCTTGAAACGCCGAAAGGGAGTGCCGAGCGTTCCCAGGAATACCAACAACTTA
GACGTAAGCTCCTTTCAATTACAGTATGGGTCTTACAACACTGAGACTCACGATAAAACA
GACGGCCATGTCTACAACTATATCCCCCCACCTGTGGGTCAGATGTGCCAAAACCCCATC
TACATGCAGAAGGAAGGAGACCCAGTAGCCTATTACCGAAACCTGCAAGAGTTCAGCTAT
AGCAACCTGGAGGAGAAAAAAGAAGAGCCAGCCACACCTGCTTACACAATAAGTGCCACT
GAGCTGCTAGAAAAGCAGGCCACACCAAGAGAGCCTGAGCTGCTGTATCAAAATATTGCT
GAGCGAGTCAAGGAACTTCCCAGCGCAGGCCTAGTCCACTATAACTTTTGTACCTTACCT
AAAAGGCAGTTTGCCCCTTCCTATGAATCTCGACGCCAAAACCAAGACAGAATCAATAAA
ACCGTTTTATATGGAACTCCCAGGAAATGCTTTGTGGGGCAGTCAAAACCCAACCACCCT
TTACTGCAAGCTAAGCCGCAATCAGAACCGGACTACCTCGAAGTTCTGGAAAAACAAACT
GCAATCAGTCAGCTG

Restriction Sites: Please inquire

ACCN: NM_001144006

Insert Size: 4154 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:	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_001144006.1, NP_001137478.1
RefSeq Size:	4154 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 (5) 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.