

Product datasheet for **RC208216**

SLITRK1 (NM_052910) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLITRK1 (NM_052910) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	SLITRK1
Synonyms:	LRRC12; TTM
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC208216 representing NM_052910
 Red=Cloning site Blue=ORF Green=Tags(s)

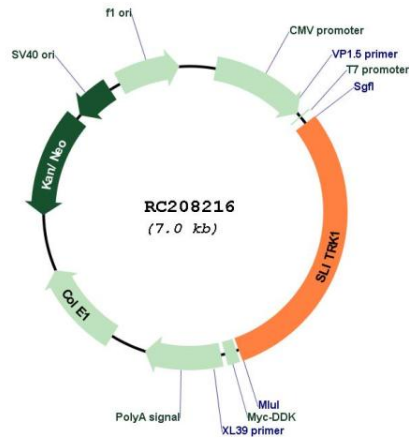
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 GCC**CGGATCGCC**

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 ACTCGACTTTTCCCTAATGAGTTCGCTAACTTTTATAATGCGGTTAGTTGCACATGAAAAACAATGGCT
 TGCATGAAATCGTTCGGGGGCTTTTCTGGGGCTGCAGCTGGTAAAAGGCTGCACATCAACAACAACA
 GATCAAGTCTTTTCGAAAGCAGACTTTTCTGGGGCTGGACGATCTGGAATATCTCCAGGCTGATTTAAT
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 CGGGGCTGCAAAACCTAGAGTACCTGAACGTGGAGTACAACGCTATCCAGCTCATCCTCCCGGGCACTTT
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 CCAACTCTCCGCTCCGAGATTAATCCCTACAGACAGTCTGTGACTCTTCTACTGGCACAATGGGCC
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ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_052910.2</u>
RefSeq Size:	5201 bp
RefSeq ORF:	2091 bp
Locus ID:	114798
UniProt ID:	<u>Q96PX8</u>
Cytogenetics:	13q31.1
Protein Families:	Transmembrane
MW:	77.6 kDa
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. However, the protein encoded by this gene lacks the region of homology to neurotrophin receptors. This protein is thought to be involved in neurite outgrowth. Mutations in this gene may be associated with Tourette syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]

Product images:



Circular map for RC208216