

**Specifications:**

Gene:	mSlitrk6
Accession:	NP_780708
Insert size:	2536bp
Concentration:	10µg at 0.2µg/µL

**mSLITRK6 cDNA  
Plasmid**

**Slitrk6 SLIT and NTRK-like family,  
member 6 [ *Mus  
musculus* (house mouse) ]**

**Also known as:** Sltk6;  
4832410J21Rik

**Summary:**

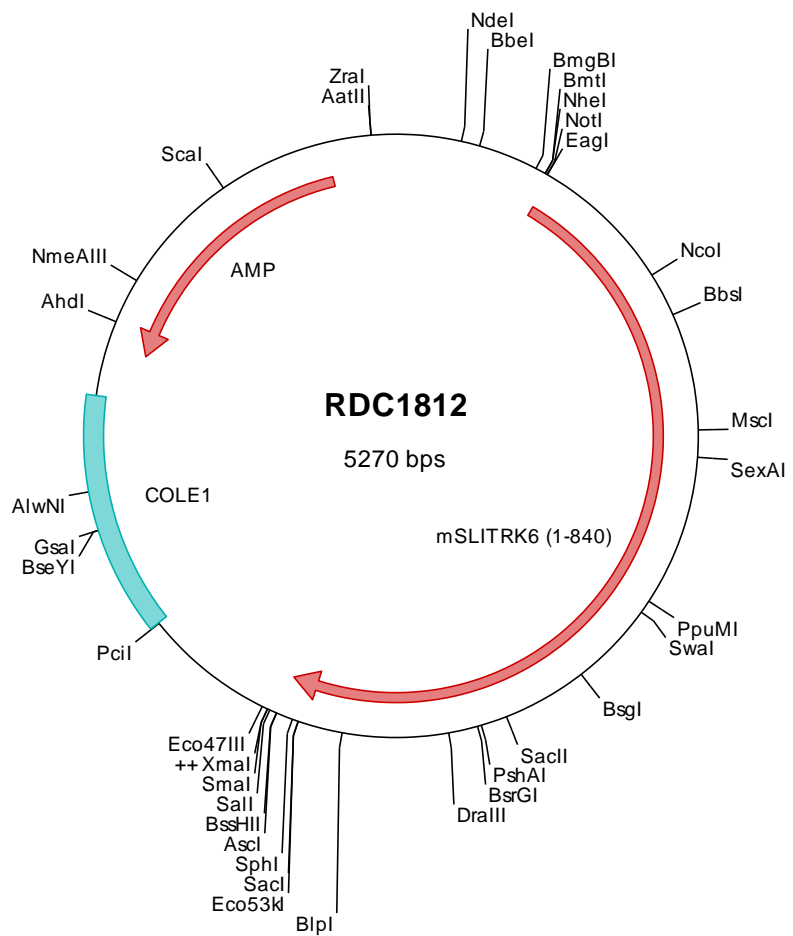
SLITRK6 is a member of the SLITRK protein family. It is widely expressed in the embryo, including cells in limb bud mesenchyme, visceral organ primordia, cells of the dorsal thalamus, and cochlear plus vestibular sensory epithelium. SLITRK6 functions as a regulator of neurite outgrowth required for normal hearing and vision. Mutations in SLITRK6 are a cause of myopia and deafness.

**Description**

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

**Preparation and Storage**

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC1812 Plasmid DNA Sequence

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> RDC1812 Translated Insert Sequence

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