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Product Information

MemDX™ Membrane Protein Human SLITRK1 (SLIT and NTRK like family member 1) Full Length

Cat. No.: **MPC1464K**
This product is for research use only and is not intended for diagnostic use.

This product is a 77.7 kDa Human SLITRK1 membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species
Human

Target Protein
SLITRK1

Protein Length
Full length

Protein Class
Transporter

Molecular Weight
77.7 kDa

TMD
1

Sequence
MLLWILLLETSLCFAAGNVTGDVCKEKICSCNEIEGDLHVDCEKKGFTSL
QRFTAPTSQFYHLFLHGNSLTRLFPNEFANFYNAVSLHMENNGLHEIVPG
AFLGLQLVKRLHINNNKIKSFRKQTFLGLDDLEYLQADFNLLRDIDPGAF
QDLNKLEVLILNDNLISTLPANVFQYVPITHLDLRGNRLKTLPYEEVLEQ
IPGIAEILLEDNPWDCTCDLLSLKEWLENIPKNALIGRVVCEAPTRLQGK
DLNETTEQDLCPLKNRVDSSLPAPPAQEETFAPGPLPTPFKTNGQEDHAT
PGSAPNGGTKIPGNWQIKIRPTAAIATGSSRNKPLANSLPCPGGCSCDHI
PGSGLKMNCNNRNVSSLADLKPKLSNVQELFLRDNKIHSIRKSHFVDYKN
LILLDLGNNNIATVENNTFKNLLDLRWLYMDSNYLDTLSREKFAGLQNLE
YLNVEYNAIQLILPGTFNAMPKLRILILNNNLLRSLPVDVFAGVSLSKLS
LHNNYFMYLPVAGVLDQLTSIIQIDLHGNPWECSCTIVPFKQWAERLGSE
VLMSDLKCETPVNFFRKDFMLLSNDEICPQLYARISPTLTSHSKNSTGLA
ETGTHSNSYLDTSRVSISVLVPGLLLVFVTSAFTVVGMLVFILRNRKRSK
RRDANSSASEINSLQTVCDSSYWHNGPYNADGAHRVYDCGSHSLSD

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

SLITRK1

Full Name

SLIT and NTRK like family member 1

Introduction

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.

Alternative Names

SLITRK1; TTM; LRRC12; SLIT and NTRK-like protein 1; leucine-rich repeat-containing protein 12; slit and trk like gene 1; SLIT and NTRK like family member 1

Gene ID

114798

UniProt ID

Q96PX8

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