

Recombinant Human SLITRK2 Protein, His tagged

Cat. No. SLITRK2-001H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human SLITRK2 Protein with His tag was expressed in HEK293.

Species Human

Source HEK293

ProteinLength 19-617 aa

Description 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.

AASequence

TESRKTAKDICKIRCLCEEKENVLNINCENKGFSTTVSLLQPPQYRIYQLFLNGNLLTRL
 YPNEFVNYSNAVTLHLGNNGLQEIRTGAFSGLKTLKRLHLNKKLEILREDTFLGLES
 LEYLQADYNYISAIEAGAFSKLNKLVILNDNLLLSPSNVFRFVLLTHLDLRGNRLKV
 MPFAGVLEHIGGIMEIQLEENPWNCTCDLLPLKAWLDTITVFVGEIVCETPFRLHGKD
 VTQLTRQDLCPRKSASDSSQRGSHADTHVQRLSPTMNPALNPTRAPKASRPPKMR
 NRPTPRVTVSKDRQSFQIMVYQTKSPVPLTCPSSCVCTSQSSDNGLNVCQERKF
 TNISDLQPKPTSPKKLYLTGNYLQTVYKNDLLEYSSDLLHLGNNRIAVIQEGAFTNLT
 SLRRLYLNGNYLEVLYPSMFDGLQSLQYLYEYNVIKEIKPLTFDALINLQLLFLNNNL
 LRSLPDNIFGGTALTRLNLRNNHFSHLPVKGVLQDLPAFIQIDLQENPWDCTCDIMGL
 KDWTEHANSPIINEVTCEPAKHAGEILKFLGREAICPDSPNLSDGTVLSMNHNTDT

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PRSLSVSPSSYPELHTEVPHHHHHHHH

Molecular Mass	69 kDa
Endotoxin	< 1 EU/μg of protein (determined by LAL method)
Purity	> 80% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Sterile PBS, pH7.4, 10% Glycerol, 5% Trehalose
Concentration	0.26 mg/mL by BCA

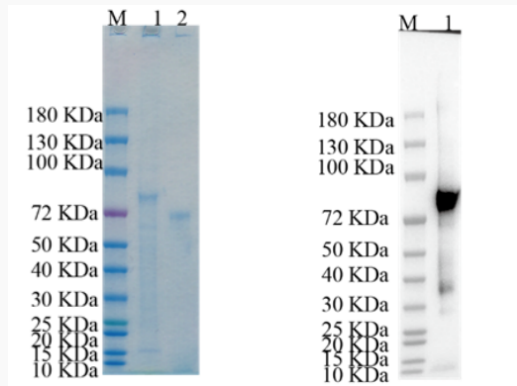
GENE INFORMATION

Gene Name	SLITRK2 SLIT and NTRK like family member 2 [Homo sapiens (human)]
Official Symbol	SLITRK2
Synonyms	SLITRK2; SLIT and NTRK like family member 2; CXorf1; CXorf2; SLITL1; TMEM257; XLID111; SLIT and NTRK-like protein 2; slit and trk like gene 2; slit-like 1; transmembrane protein 257
Gene ID	84631
mRNA Refseq	NM_032539
Protein Refseq	NP_115928

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MIM 300561**UniProt ID** Q9H156**SDS-PAGE and WB**

Reducing 4%-20% SDS-PAGE (CBB stained) and WB (Anti-His Mouse Monoclonal antibody) analysis profiles of purified SLITRK2. 1. SLITRK2: 1 μ g 2. BSA: 1 μ g

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