

Recombinant Human SLITRK6 Protein

Cat. No. SLITRK6-835H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human SLITRK6 protein without tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	841
Description	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. This protein functions as a regulator of neurite outgrowth required for normal hearing and vision. Mutations in this gene are a cause of myopia and deafness.
Form	Lyophilized
AA Sequence	MKLWIHLFYSSLLACISLHSQTPVLSSRGSCDSLNCNCEEKDGTM LINCEAKGIK MVSE ISVPPSRPFQLSLLNNGLTMLHTNDFSGLTNAISIH LGFNNIADIEIGAFNGLGLLKQLH INHNSLEILKEDTFHGLENLEFLQADNNFITVIEPSAFSKLNRLKVLILNDNAIESLPPNI FRFVPLTHLDLRGNQLQTLPIYVG FLEHIGRILD LQLEDNKWACNCDLLQLKTWLENM PPQSIIGDVVCNSPPFFKGSILSR LKKESICPTPPVYEEHEDPSGSLHLAATSSINDSR MSTKTTSILKLPTKAPGLIPYITKPSTQLPGPYCPIPCNCKVLSPSGLLIHCQERNIESL SDLRPPPQNPRKLILAGNIIHSLMKSDLVEYFTLEMLHLGNNRIEVLEE GSF MNLTRL QKLYLNGNHLTKLSKGMFLGLHNLEYLYLEYN AIKEILPGTFNPM PKLVLYLNNNLL

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QVLPPHIFSGVPLTKVNLKTNQFTHLPVSNILDDLDTQIDLEDNPWDCSCDLVGLQ
 QWIKLSKNTVTDDILCTSPGHLDKKELKALNSEILCPGLVNNPSMPTQTSYLMVTTP
 ATTTNTADTILRSLTDAVPLSVLILGLLIMFITIVFCAAGIVVLVHRRRRYKKKQVDEQ
 MRDNSPVHLQYSMYGHKTTHHTTERPSASLYEQHVMVSPMVHVYRSPSFGPKHLEE
 EEERNEKEGSDAKHLQRSLEQENHSPLTGSNMKYKTTNQSTEFLSFQDASSLYRN
 ILEKERELQQLGITEYLRKNIAQLQPDMEAHYPGAHEELKLMETLMYSRPRKVLVEQ
 TKNEYFELKANLHAEPDYLEVLEQQT

Purity	> 98%
Applications	Calcium Flux Assay; SPA Binding Assay; WB; ELISA;
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H ₂ O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name SLITRK6 SLIT and NTRK-like family, member 6 [Homo sapiens (human)]

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Official Symbol	SLITRK6
Synonyms	SLITRK6; SLIT and NTRK-like family, member 6; DFNMYP; SLIT and NTRK-like protein 6; 4832410J21Rik; slit and trk like gene 6
Gene ID	84189
mRNA Refseq	NM_032229
Protein Refseq	NP_115605
MIM	609681
UniProt ID	Q9H5Y7

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