

Recombinant Human SLITRK3, His-tagged

Cat. No. SLITRK3-191H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLIT and NTRK-Like Protein 3/SLITRK3 is produced with our mammalian expression system in human cells. The target protein is expressed with sequence (Thr29-Ser654) of Human SLITRK3 fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	29-654 a.a.
Description	SLIT and NTRK-Like Protein 3 (SLITRK3) is a member of the SLITRK family that are integral membrane proteins with 2 N-terminal leucine-rich repeat (LRR) domains similar to those of SLIT proteins. SLITRK3 contains an N-terminal signal peptide, followed by two LRR domains, a transmembrane domain, and a cytoplasmic domain with a putative tyrosine phosphorylation site. Each LRR domain is flanked by cysteine-rich regions. SLITRK3 is expressed at higher levels in some astrocytic brain tumors such as strocytomas, oligodendrogliomas, glioblastomas, gangliogliomas and primitive neuroectodermal tumors.
Form	Lyophilized from a 0.2 µM filtered solution of 20mM PB, 150mM NaCl, pH 7.4
AA Sequence	TPIPLIEDSEEIDPCFDPCEVKESLFHHCDKSGFTNISQITEFWSRPFKLYLQRN SMRKLY TNSFLHLNNAVSINLGNNALQDIQTGAFNGLKILKRLYLHENKLDVFRNDTF LGLESLEYLQADY NVIKRIESGAFRNLSKLRVLILNDNLIPMLPTNLFKAVSLTHLDLR

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GNRLKVLFYRGMLDHIGRS LMELQLEENPWNCTCEIVQLKSWLERIPYTALVGDITC
ETPFHFHGKDLREIRKTELCPLLSDSE VEASLGIPHSSSSKENAWPTKPSSMLSSVH
FTASSVEYKSSNKQPKPTKQPRTPRPPSTSQALYP GPNQPPIAPYQTRPPIIICPTG
CTCNLHINDLGLTVNCKERGFFNNISELLPRPLNAKKLYLSSN LIQKIYRSDFWNFSSL
DLLHLGNNRISYVQDGAFINLPNLKSLFLNGNDIEKLTPGMFRGLQSLH YLYFEFNV
REIQPAAFSLMPNLKLLFLNNNLLRTLPTDAFAGTSLARLNLKKNYFLYLPVAGVL EH
LNAIVQIDLNENPWDCTCDLVPFKQWIETISSVSVVGDVLCRSPENLTHRDVRTIELE
VLCPE MLHVAPAGESPAQPGDShLIGAPTSASPYEFSPPGGPVPLSVDHHHHHH

Endotoxin	Less than 0.1 ng/μg (1 IEU/μg).
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
Storage	Lyophilized protein should be stored at Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

GENE INFORMATION

Gene Name	SLITRK3 SLIT and NTRK-like family, member 3 [Homo sapiens]
Official Symbol	SLITRK3
Synonyms	SLITRK3; SLIT and NTRK-like family, member 3; SLIT and NTRK-like protein 3; KIAA0848; slit and trk like gene 3; MGC138681;
Gene ID	22865

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mRNA Refseq	NM_014926
Protein Refseq	NP_055741
MIM	609679
UniProt ID	O94933
Chromosome Location	3q26.1

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