Recombinant Human SLITRK1 protein, His&hFc-tagged

Cat. No. SLITRK1-868H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLITRK1 protein(NP_443142.1)(Met1-Ser616), fused with His&hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Ser616
Form	Lyophilized from sterile 100mM Glycine, 10mM NaCl, 50mM Tris, pH 7.5Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The recombinant human SLITRK1/Fc chimera is a disulfide-linked homodimeric protein after removal of the signal peptide. The reduced monomer consists of 846 amino acids and predicts a molecular mass of 95 kDa. As a result of glycosylation, the apparent molecular mass of rhSLITRK1/Fc monomer is approximately 130-150 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C

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	Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	SLITRK1 SLIT and NTRK-like family, member 1 [Homo sapiens]
Official Symbol	SLITRK1
Synonyms	SLITRK1; SLIT and NTRK-like family, member 1; leucine rich repeat containing 12 , LRRC12; SLIT and NTRK-like protein 1; KIAA1910; slit and trk like gene 1; leucine-rich repeat-containing protein 12; TTM; LRRC12; FLJ54428; KIAA0918; RP11-395N17.1;
Gene ID	114798
mRNA Refseq	NM_052910
Protein Refseq	NP_443142
MIM	609678
UniProt ID	Q96PX8

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