Human SLITRK6 Protein

Cat. No. SRK-HM106

Description

Source	Recombinant Human SLITRK6 Protein is expressed from HEK293 with His tag at the C-terminus.
	It contains Ser27-Ser608.
Accession	Q9H5Y7
Molecular Weight	The protein has a predicted MW of 66.4 kDa. Due to glycosylation, the protein migrates to 70-90 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE

Formulation and Storage

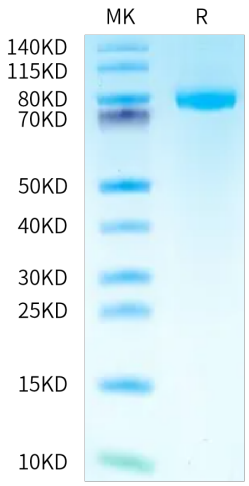
Formulation	Supplied as 0.22 μm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

The SLITRK family consists of six neuronal transmembrane proteins that each have two N-terminal leucine-rich repeat (LRR) domains and a C-terminal region that shares homology with neurotrophin receptors. SLITRKs are found predominantly in neural tissue where they modulate neurite outgrowth and regulate synaptic development. SLITRK6 is expressed in the
auditory system during embryonic and postnatal life; expression is strongest in the inner ear, modest in the thalamus and lateral geniculate nucleus, and absent in the cortex. Its expression in the inner ear promotes innervation and survival of sensory neurons.

Assay Data

Bis-Tris PAGE



Human SLITRK6 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.