SLITRK6 Protein, Human (HEK293, His)

Cat. No.:	HY-P77208
Synonyms:	SLIT and NTRK-like protein 6; SLITRK6
Species:	Human
Source:	HEK293
Accession:	Q9H5Y7 (S27-S608)
Gene ID:	84189
Molecular Weight:	Approximately 89 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH_2O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	SLITRK6 emerges as a key regulator in the intricate orchestration of neurite outgrowth, playing a crucial role in maintaining normal hearing and vision. This protein's influence extends to the intricate processes involved in neuronal development, particularly in the growth of neurites, which are essential structures for intercellular communication. The significance of SLITRK6 in sensory functions, such as hearing and vision, emphasizes its importance in the intricate network of molecular mechanisms that underlie sensory perception. As a regulator of neurite outgrowth, SLITRK6 contributes to the establishment and maintenance of neuronal connections critical for proper sensory processing, shedding light on its vital role in neural development and sensory function.

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