Recombinant SLIK6 protein (His tag)

Catalog Number	548246
Species	Human
Expression System	E. coli
Accession	Q9H5Y7
Molecular Weight	Predictes a molecular mass of 28.66 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 29 kDa band.

Product Information

Sequence Region	27-268
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Endotoxin	Not tested.
Activity	Not tested.
Stability	Samples are stable for up to twelve months from date of receipt at -70℃
Protein Construction	DNA encoding 27-268 aa (Q9H5Y7) were fused with 6His tag.

Storage & Handling

Reconstitution	Reconstitute at 0.25 μg/μl in sterile water for short-term storage. Reconstitution with 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.
Storage	Store it under sterile conditions at -20℃ to -80℃. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

Description

Description	Recombinant SLIT and NTRK-like protein 6 (SLITRK6) fragment (residues 27-268) is a high-purity protein designed for investigating neurite outgrowth regulation and its critical roles in auditory and visual function. This fragment includes the complete LRRNT 1 domain, making it an ideal tool for domain-specific functional studies. SLITRK6 is a regulator of neurite outgrowth essential for normal hearing and vision. It is localized to the cell membrane as a single-pass type I membrane protein, underscoring its involvement in neuronal development and sensory system integrity. This protein's function has been validated in studies linking it to key neurodevelopmental processes.