

Datasheet for ABIN7597278

**SLITRK6 Protein (AA 23-608) (His tag)**[Go to Product page](#)

## Overview

Quantity:	10 µg
Target:	SLITRK6
Protein Characteristics:	AA 23-608
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLITRK6 protein is labelled with His tag.

## Product Details

Purpose:	Recombinant mouse SLITRK6 protein with C-terminal 10xHis tag
Sequence:	Mouse SLITRK6(Pro23-Val608) 10xHis tag
Purity:	The purity of the protein is greater than 80 % as determined by SDS-PAGE and Coomassie blue staining.

## Target Details

Target:	SLITRK6
Alternative Name:	SLITRK6 ( <a href="#">SLITRK6 Products</a> )
Background:	<p>Sltk6, 4832410J21Rik</p> <p>Acts upstream of or within several processes, including linear vestibuloocular reflex, nervous system development, and sensory organ development. Located in cell periphery. Is expressed in several structures, including brain, gut, limb bud, lung, and sensory organ. Used to study</p>

## Target Details

sensorineural hearing loss. Human ortholog(s) of this gene implicated in high myopia-sensorineural deafness syndrome. Orthologous to human SLITRK6 (SLIT and NTRK like family member 6). [provided by Alliance of Genome Resources, Apr 2022]

Molecular Weight: predicted molecular mass of 66.6 kDa after removal of the signal peptide.

UniProt: [Q8C110](#)

## Application Details

Application Notes: Extracellular Domain Proteins (ECD) can be used as:

- Immunogens for antibody drug development
- Reagents used for CAR-T positive cell monitoring
- Reagents for antibody screening and functional testing
- Reagents for antibody affinity measurement

Comment: The protein was made using HEK293 mammalian cell secretion expression system to ensure the close-to-native structures and post-translational modifications of the target protein.

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization.

Storage: -20 °C, -80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).  
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months