



# Recombinant Protein Technical Manual

## Recombinant Human SLITRK4 Protein (His Tag)

RPES0926

### Product Data:

**Product SKU:** RPES0926

**Size:** 20µg

**Species:** Human

**Expression host:** HEK293 Cells

**Uniprot:** Q8IW52

### Protein Information:

**Molecular Mass:** 68.6 kDa

**AP Molecular Mass:** 85 kDa

**Tag:** C-His

**Bio-activity:**

**Purity:** > 92 % as determined by reducing SDS-PAGE.

**Endotoxin:** < 1.0 EU per µg as determined by the LAL method.

**Storage:** Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

**Shipping:** This product is provided as lyophilized powder which is shipped with ice packs.

**Formulation:** Lyophilized from sterile PBS, pH 7.4

**Reconstitution:** Please refer to the printed manual for detailed information.

**Application:**

**Synonyms:** DKFZp547M2010

## Immunogen Information:

**Sequence:** Met 1-Pro 616

## Background:

SLIT and NTRK-like family proteins 4 is a member of the SLIT and NTRK-like family. This protein is characterized as an integral membrane protein that has two leucine-rich repeat (LRR) domains and a carboxy-terminal domain that is partially similar to SLIT protein and TRK Neurotrophin. There are six members in this family: SLITRK1, SLITRK2, SLITRK3, SLITRK4, SLITRK5, and SLITRK6. Their expression was detected mainly in the brain, but the expression profile of each SLITRK was unique. Each of these members is located in nervous system except for SLITRK6. SLITRK expression was also investigated in various types of brain tumor tissue.