Catalog Number: 526920



# **General Information**

#### **Protein Construction**

A DNA sequence encoding the human KCNJ10 (NP\_002232.2) 177-379 aa was fused with the N-terminal GST tag

## Organism

Human

## **Expression Host**

E. coli

# **QC Testing**

## Activity

Not tested.

# Purity

85%, by SDS-PAGE with Coomassie Brilliant Blue staining.

#### Endotoxin

Please contact the lab for more information.

# Stability

Store for up to 12 months at -20°C to -80°C as lyophilized powder.

# Formulation

The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.

# **Usage Guide**

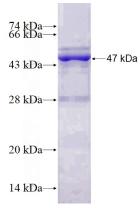
#### Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

## Reconstitution

Reconstitute at  $0.25 \ \mu g/\mu l$  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.

# **SDS-PAGE**



#### Recombinant Human KCNJ10 SDS-PAGE