Catalog Number: 509681



# **General Information**

#### Gene Name Synonym

BK channel auxiliary gamma subunit LRRC52

#### **Protein Construction**

A DNA sequence encoding the human LRRC52 (NP\_001005214.2) 24-244 aa was fused with the polyhistidine tag

#### Organism

Human

#### **Expression Host**

E. coli

## **QC Testing**

#### Activity

Not tested.

#### Endotoxin

Please contact the lab for more information.

#### Stability

Aliquot and store at -20°C to -80°C for up to 6 months. Avoid freeze thaw cycles.

#### Formulation

1M PBS (58 mM Na2HPO4, 17 mM NaH2PO4, 68 mM NaCl, pH8.0 ), added with 300 mM Imidazole and 0.7% sarcosyl, 15% glycerol.

### **Usage Guide**

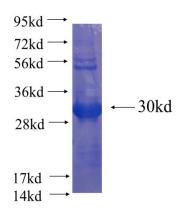
#### Storage

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 LRRC52 SDS-PAGE