# **Human GPD2 Recombinant protein (His tag)**

Catalog Number: 508336



## **General Information**

### Gene Name Synonym

EC 1.1.5.3

#### **Protein Construction**

A DNA sequence encoding the human GPD2 (XP\_054197387.1) 5-379 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**

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

#### **Formulation**

Protein lyophilized in sterile PBS (58 mM Na2HPO4, 17 mM NaH2PO4, 68 mM NaCl, 300 mM Imidazole, pH 8.0). Trehalose (5-8%) and mannitol (5-8%) protectants were added before

lyophilization.

# **Usage Guide**

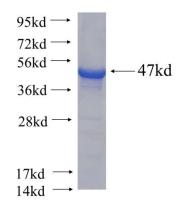
### **Storage**

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 GPD2 SDS-PAGE