# **Human DUSP21 Recombinant protein (His tag)**

Catalog Number: 507401



### **General Information**

#### Gene Name Synonym

EC 3.1.3.16; EC 3.1.3.48; Low molecular weight dual specificity phosphatase 21; LMW-DSP21

#### **Protein Construction**

A DNA sequence encoding the human DUSP21 (NP\_071359.3) 1-96 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**

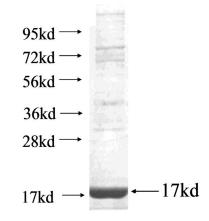
# **Storage**

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 DUSP21 SDS-PAGE