# Human tubulin-alpha Recombinant protein (6\*His tag)

Catalog Number: 526110



#### **General Information**

## **Protein Construction**

A DNA sequence encoding the human tuba4a (NP\_005991.1) 1-448 aa was fused with the polyhistidine tag

# **Organism**

Human

# **Expression Host**

E. coli

# **QC Testing**

## **Activity**

Not tested.

## **Purity**

90%, 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, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.

# **Usage Guide**

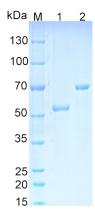
# **Storage**

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 tubulin-alpha SDS-PAGE

Lane 1: Tuba4a; Lane 2: BSA (control)