

General Information

Protein Construction

A DNA sequence encoding the human ACTN1 (NP_001410942.1) 585-934 aa was fused with the N-terminal GST tag

Organism

Human

Expression Host

E coli.

QC Testing

Activity

Not tested.

Purity

80%, 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 Na_2HPO_4 , 17mM NaH_2PO_4 , 68mM NaCl , pH8.). 5 % trehalose and 5 % mannitol are

added as protectants before lyophilization.

Usage Guide

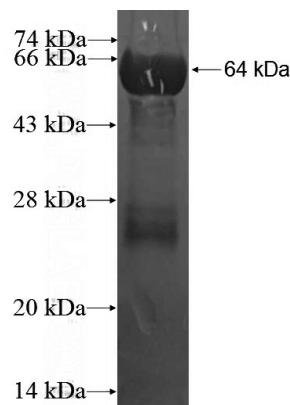
Storage

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 $0.25 \mu\text{g}/\mu\text{l}$ 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 α -Actinin SDS-PAGE