Catalog Number: 530306



General Information

Gene Name Synonym

Sirtinol 4; co-factor for nitrate reductase and xanthine dehydrogenase 1; chlorate resistant 6

Protein Construction

1-452 aa encoded by AT5G20990.1 was inserted into pET30a vector

Organism

Arabidopsis thaliana

Expression Host

E. coli

QC Testing

Activity

Not tested.

Purity

85%, 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**

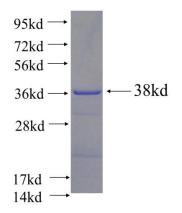
Storage

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 μ g/ μ l in 200 μ l sterile water for short-term storage. Reconstitution with 200 μ l 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 Arabidopsis thaliana CNX1 SDS-PAGE