# Recombinant human NDUFAF4 protein



#### **Basic Information**

Catalog Number:

Ag23407

Form:

Available lyophilized

Species:

human

**Expression Source:** 

e coli.-derived, PET28a, with N-terminal 6\*His.

Biological Activity:

Not tested

Endotoxin Level:

Please contact the lab for more information

#### Peptide Sequence:

MGALVIRGIRNFNLENRAEREISKMKPSVAPRHPSTNS LLREQISLYPEVKGEIARKDEKLLSFLKDVYVDSKDPVS SLQVKAAETCQEPKEFRLPKDHHFDMINIKSIPKGKISI VEALTLLNNHKLFPETWTAEKIMQEYQLEQKDVNSLL KYFVTFFVFIFPPFDKKAIRSK

(1-175 aa encoded by BC039464)

# Reconstitution and Storage

#### Reconstitution:

Reconstitute at 0.25  $\mu g/\mu l$  in 200  $\mu l$  sterile water for short-term storage.

After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-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.

#### Shipping:

The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature (see below).

## **Purity**

85%, by SDS-PAGE with Coomassie Brilliant Blue staining.

#### **Formulation**

The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5% trehalose and 5% mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.

## Stability and Storage

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

# Storage of Reconstituted Protein

Short Term Storage: Store at 2-8°C for (1-2 weeks). Long Term Storage:

Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

### Selected Validation Data

