# Mouse CDNF/ARMETL1 (His Tag) recombinant protein

Catalog Number: 501829

# **General Information**

#### Gene Name Synonym

ARMET-like protein 1; Conserved dopamine neurotrophic factor

## **Protein Construction**

A DNA sequence encoding the mouse CDNF (NP\_808315.1) (Met 1-Leu 187) was expressed, with a polyhistidine tag at the C-terminus.

## Organism

Mouse

## **Expression Host**

Human Cells

# **QC Testing**

## Purity

> 95 % as determined by SDS-PAGE

## Endotoxin

< 1.0 EU per  $\mu g$  of the protein as determined by the LAL method

## Stability

Samples are stable for up to twelve months from date of receipt at -70  $^{\circ}\mathrm{C}$ 

## **Predicted N terminal**

Gln 25

## **Molecular Mass**

The secreted recombinant mouse CDNF consists of 174 amino acids and migrates as an approximately 20 kDa band in SDS-PAGE under reducing conditions as predicted.

#### Formulation

Lyophilized from sterile PBS, pH 7.41. 5 % trehalose and mannitol are added as protectants before lyophilization.2. Please contact us for any concerns or special requirements.

# **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

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

## SDS-PAGE

Mouse CDNF / ARMETL1 Protein (His Tag) SDS-PAGE



