

**RMCM081**

Recombinant CDNF (Cerebral dopamine neurotrophic factor), Mouse ,AF



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5ug;20ug;100ug;500ug;

**Synonym/Alternative name(s) :** ARMETL1, 9330140G23, Arme

**Activity :** N/A

**Protein Description:**

Cerebral dopamine neurotrophic factor also known as ARMET-like protein 1 or is a protein that in humans that is encoded by the CDNF gene. CDNF protein is expressed in human brain, acts differently from known neurotrophic factors and can protect and repair dopamine neurons in two pre-clinical models of Parkinson's disease (PD).

**Protein Accession :** Q8CC36

**Gene ID :** 227526

**Expression Sequence:**

MQGLEAGVGPADCEVCKEFLDRFYNSLLSRGIDFSADTIEKELNFCSDAKGKENRLCYLGGATTAATKILGEVTRPMSVHIPAVKICE  
KLKKMDSQICELKYGKLDLASVDLWKMVRAELKQLQRWGEECRACAESDYVNLIRELAPKYVEIYPQTELwith polyhistidine tag  
at the C-terminus.

**Fusion tag :** His-tag?at?the?C-terminus

**Species :** Mouse

**Reactivity :** Mouse

**Expression Host :** Escherichia coli

**Source :** E. coli

**Purity/method:**

>98% as determined by SDS-PAGE. Ni-NTA chromatography

**Endotoxin level:**

<0.1 EU per 1 µg of the protein by the LAL method.

**Calculated Molecular Weight :** 19.47 kDa

**Formulation:**

The protein was lyophilized from a solution containing 1X PBS, pH 7.4.

**Reconstitution:**

It is recommended to reconstitute the lyophilized protein in sterile H2O to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

**Shipping :** Blue Ice

**Stability and Storage:**

Lyophilized protein should be stored at -20°C for 1 year.

Upon reconstitution, store at 2°C to 8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1%

BSA, 10%FBS, 5%HSA or 5% trehalose solution), protein aliquots should be stored at -20°C or -80°C for 3-6 months.

**Category :** Cytokines

**Application :** Cell culture, Elisa

**Image:**



SDS- PAGE analysis of recombinant mouse CDNF