

Recombinant Mouse Cdnf Protein, His-tagged

Cat. No. Cdnf-729M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cdnf Protein (Gln25-Leu187) with His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Gln25-Leu187
Description	Predicted to enable growth factor activity. Predicted to be involved in dopaminergic neuron differentiation and neuron projection development. Predicted to be located in extracellular region. Predicted to be active in endoplasmic reticulum and extracellular space. Is expressed in several structures, including brain; genitourinary system; hemolymphoid system gland; salivary gland; and skeletal muscle tissue. Orthologous to human CDNF (cerebral dopamine neurotrophic factor).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 21.8 kDa; Accurate Molecular Mass: 22 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

[Cdnf cerebral dopamine neurotrophic factor \[Mus musculus \(house mouse\) \]](#)

Official Symbol

[Cdnf](#)

Synonyms

CDNF; cerebral dopamine neurotrophic factor; ARMET-like protein 1; conserved dopamine neurotrophic factor; arginine-rich, mutated in early stage tumors-like 1; Armetl1; 9330140G23; MGC129430;

Gene ID

[227526](#)

mRNA Refseq

[NM_177647](#)

Protein Refseq

[NP_808315](#)

UniProt ID

[Q8CC36](#)

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