

Mouse CDNF, His Tag, E. coli

Catalog Number LDG08

Package

LDG085PME

5 μg / 20 μg / 100 μg / Customized package

For full product information, images and publications, please visit our website.



Specifications

Species of Origin	Expression system
Mouse	Escherichia coli
Affinity Tag	Buffer
His Tag (C-term)	Lyophilized from a 0.2 μ m filtered solution of PBS, pH
	7.4.
Purity	Molecular weight
>98% as determined by SDS-PAGE analysis.	The protein has a calculated MW of 19.47 kDa.
	The protein migrates as 17-25 kDa under reducing
	condition (SDS-PAGE analysis).
Endotoxin level	Form
<0.1 EU per 1 μ g of the protein by the LAL method.	Lyophilized

Background

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Background

Cerebral Dopamine Neurotrophic Factor (CDNF) also known as ARMETL1, which is a member of ARMET family. Mouse CDNF shares 80% sequence identity with human CDNF. CDNF is a 20.9 kDa neurotrophic factor containing 187 residues that widely expressed in various tissues, including embryonic and postnatal brain. Besides, CDNF shows the ability to protect the degeneration of dopaminergic neurons in Parkinson's disease, induced by 6-hydroxydopamine (6-OHDA). Moreover, as a neurotrophic factor, CDNF also can repair the dopaminergic function of dopaminergic neurons.

Uniprot ID

#Q8CC36

Instruction

Reconstitution

It is recommended to reconstitute the lyophilized protein in sterile H₂O to a concentration not less than 200 μ g/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

Stability & Storage

This product is stable after storage at:

- -20°C for 12 months in lyophilized state from date of receipt.
- -20°C or -80°C for 1 month under sterile conditions after reconstitution.

Avoid repeated freeze/thaw cycles.

Synonyms

Cerebral dopamine neurotrophic factor, ARMET-like protein 1, Conserved dopamine neurotrophic factor

Sequence Note

Gln25-Leu187

Shipping

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.

Image

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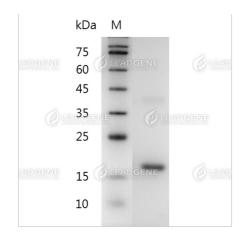
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SDS-PAGE analysis of recombinant mouse CDNF.

Disclaimer : For Research Use or Further Manufacturing Only.

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