

Recombinant Mouse Cdnf Protein, Myc/DDK-tagged

Cat. No. Cdnf-2094M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length cerebral dopamine neurotrophic factor (Cdnf), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Trophic factor for dopamine neurons. Prevents the 6-hydroxydopamine (6-OHDA)-induced degeneration of dopaminergic neurons. When administered after 6-OHDA-lesioning, restores the dopaminergic function and prevents the degeneration of dopaminergic neurons in substantia nigra.
Molecular Mass	21 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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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; Armet1; 9330140G23; MGC129430
Gene ID	227526
mRNA Refseq	NM_177647
Protein Refseq	NP_808315
UniProt ID	Q8CC36

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