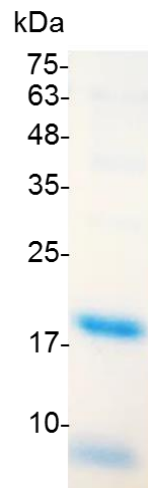


**CDNF (Cerebral dopamine neurotrophic factor), Human**

v. 231001

<b>Catalog number</b>	C01149-5UG / C01149-20UG / C01149-100UG
<b>Package</b>	5 µg / 20 µg / 100 µg
<b>Description</b>	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).
<b>Source</b>	<i>Escherichia coli</i>
<b>Sequence</b>	MQEAGGRPGADCEVCKEFLNRFYKSLIDRGVNFSLDTIEKELISFCLDTKGKEN RLCYLLGATKDAATKILSEVTRPMSVHMPAMKICEKLLKLDLSDQICELKYEKTLDL ASVDLRKMRVAELKQILHSWGEECRACAEKTDYVNLIQELAPKYAATHPKTEL with polyhistidine tag at the C-terminus
<b>Endotoxin level</b>	<0.1 EU per 1 µg of the protein by the LAL method.
<b>Purity</b>	>98% as determined by SDS-PAGE.
<b>Form</b>	Lyophilized
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH 8.0.
<b>Reconstitution</b>	It is recommended to reconstitute the lyophilized protein in sterile H <sub>2</sub> O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
<b>Stability &amp; Storage</b>	This product is stable after storage at: <ul style="list-style-type: none"> <li>-20°C for 12 months in lyophilized state from date of receipt.</li> <li>-20°C or -80°C for 1 month under sterile conditions after reconstitution.</li> </ul> Avoid repeated freeze/thaw cycles.



SDS-PAGE analysis of recombinant human CDNF

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*For research use only.*