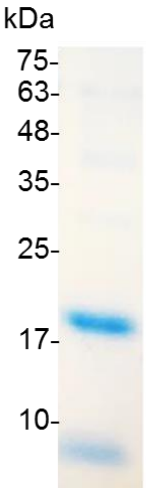
PRODUCT INFORMATION

CDNF (Cerebral dopamine neurotrophic factor), Human

Catalog number	C01149-5UG / C01149-20UG / C01149-100UG
Package	5 μg / 20 μg / 100 μg
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).
Source	*Escherichia coli*
Sequence	MQEAGGRPGADCEVCKEFLNRFYKSLIDRGVNFSLDTIEKELISFCLDTKGKEN RLCYYLGATKDAATKILSEVTRPMSVHMPAMKICEKLKKLDSQICELKYEKTLDL ASVDLRKMRVAELKQILHSWGEECRACAEKTDYVNLIQELAPKYAATHPKTEL with polyhistidine tag at the C-terminus
Endotoxin level	<0.1 EU per 1 μg of the protein by the LAL method.
Purity	>98% as determined by SDS-PAGE. Ni-NTA chromatography
Formulation	The protein was lyophilized from a solution containing 1X PBS, pH 8.0.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H_2O to a concentration not less than 100 μg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Storage	Lyophilized protein should be stored at -20°C. Upon reconstitution, protein aliquots should be stored at -20°C or -80°C.
Note	Please use within one month after protein reconstitution.



SDS-PAGE analysis of recombinant human CDNF

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