

ARG70455 Human CDNF recombinant protein (His-tagged, C-ter)

Package: 100 µg, 20 µg
Store at: -20°C

Summary

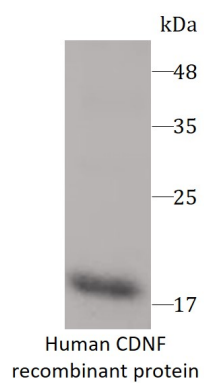
Product Description	E. coli expressed, His-tagged (C-ter) Human CDNF recombinant protein
Tested Application	SDS-PAGE
Target Name	CDNF
Species	Human
A.A. Sequence	Gln27 - Leu187
Expression System	E. coli
Alternate Names	CDNF; Cerebral Dopamine Neurotrophic Factor; Conserved Dopamine Neurotrophic Factor; ARMETL1; Arginine-Rich, Mutated In Early Stage Tumors-Like 1; ARMET-Like Protein 1

Properties

Form	Powder
Purification Note	Endotoxin level is less than 0.1 EU/µg of the protein, as determined by the LAL test.
Purity	> 98% (by SDS-PAGE)
Buffer	PBS (pH 8.0)
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min at room temperature to make sure the protein is dissolved completely.
Storage instruction	For long term, lyophilized protein should be stored at -20°C or -80°C. After reconstitution, aliquot and store at -20°C or -80°C for up to one month. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	CDNF
Gene Full Name	Cerebral Dopamine Neurotrophic Factor
Background	Predicted to enable growth factor activity. Predicted to be involved in dopaminergic neuron differentiation and neuron projection development. Predicted to be active in endoplasmic reticulum and extracellular space.
Function	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 (By similarity).
PTM	Disulfide bond
Cellular Localization	Secreted



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SDS-PAGE image

SDS-PAGE analysis of ARG70455 Human CDNF recombinant protein
(His-tagged, C-ter)