

## Active Recombinant Human CDNF, His-tagged

Cat. No. CDNF-592H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	The recombinant human CDNF is expressed as a 174 amino acid protein consisting of Met1-Leu187 region of CDNF (UniProt entry Q49AH0) and a C-terminal poly-Histidine tag.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Leu187
<b>Form</b>	Lyophilized from sterile 50 mM Tris, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human CDNF consists 174 amino acids and predicts a molecular mass of 20 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** [CDNF cerebral dopamine neurotrophic factor \[ Homo sapiens \]](#)

**Official Symbol** [CDNF](#)

**Synonyms** CDNF; cerebral dopamine neurotrophic factor; arginine rich, mutated in early stage tumors like 1 , ARMETL1; conserved dopamine neurotrophic factor; ARMET-like protein 1; arginine-rich, mutated in early stage tumors-like 1; ARMETL1;

**Gene ID** [441549](#)

**mRNA Refseq** [NM\\_001029954](#)

**Protein Refseq** [NP\\_001025125](#)

**MIM** [611233](#)

**UniProt ID** [Q49AH0](#)

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