

Recombinant Human NDNF Protein, His-tagged

Cat. No. NDNF-2482H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human NDNF Protein (Gln20-Phe331) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gln20-Phe331
Description	Predicted to enable heparin binding activity. Involved in several processes, including cellular response to hypoxia; negative regulation of apoptotic process; and nitric oxide mediated signal transduction. Located in extracellular space. Implicated in hypogonadotropic hypogonadism.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 39.0 kDa Accurate Molecular Mass: 44 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	NDNF neuron derived neurotrophic factor [Homo sapiens (human)]
Official Symbol	NDNF
Synonyms	NDNF; neuron derived neurotrophic factor; HH25; NORD; C4orf31; protein NDNF fibronectin type-III domain-containing protein C4orf31
Gene ID	79625
mRNA Refseq	NM_024574
Protein Refseq	NP_078850
MIM	616506

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UniProt ID

Q8TB73

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