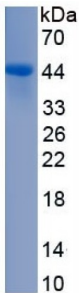
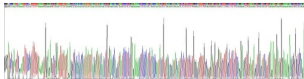


Human Neuron Derived Neurotrophic Factor (NDNF) Protein

Catalogue No.:abx654518



SDS-PAGE analysis of recombinant Human Neuron Derived Neurotrophic Factor Protein.



Gene sequencing extract of recombinant Human Neuron Derived Neurotrophic Factor Protein.

Human Neuron Derived Neurotrophic Factor (NDNF) Protein is a Recombinant Human protein expressed in E. coli.

Target:	Neuron Derived Neurotrophic Factor (NDNF)
Research Area:	Cytokines
Origin:	Human
Expression:	Recombinant
Tested Applications:	WB, SDS-PAGE
Host:	E. coli
Conjugation:	Unconjugated
Form:	Lyophilized
Purity:	> 90%

Datasheet

Version: 15.0.0
Revision date: 03 Jun 2025



Reconstitution:	To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH ₂ O. If a lower concentration is required, dilute in 10 mM PBS, pH 7.4. If a higher concentration is required, the product can be reconstituted directly in 10 mM PBS, pH 7.4, though please note that this will change the overall salt concentration. The stock concentration should be between 0.1-1.0 mg/ml. Do not vortex.
Storage:	Store at 2-8 °C for up to one month. Store at -80 °C for up to one year. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q8TB73 (UniProt , ExPASy)
Gene Symbol:	NDNF
GeneID:	79625
KEGG:	hsa:79625
String:	9606.ENSP00000369014
Molecular Weight:	Calculated MW: 39.0 kDa Observed MW (SDS-PAGE): 44 kDa Possible reasons why the actual band size differs from the predicted band size: <ol style="list-style-type: none">1. Splice variants. Alternative splicing may create different sized proteins from the same gene.2. Relative charge. The composition of amino acids may affect the charge of the protein.3. Post-translational modification. Phosphorylation, glycosylation, methylation etc. may affect the band size.4. Post-translational cleavage. Many proteins are synthesised as pro-proteins, and then cleaved to give the active form.5. Polymerisation of the target protein. Dimerisation, multimerisation etc. will increase the band size observed.
Sequence Fragment:	Gln20-Phe331
Sequence:	Q KLPTRDEELF QMQIRDKAFF HDSSVIPDGA EISSYLFRDT PKRYFFWVEE DNTPLSVTVT PCDAPLEWKL SLQELPEDRS GEGSGDLEPL EQQKQIINE EGTELSYKGD NDVEYFISSS SPSGLYQLDL LSTEKDTDFK VYATTPESD QPYPELPYDP RVDVTSLGRT TVTLAWKPSP TASLLKQPIQ YCVVINKEHN FKSLCAVEAK LSADDAFMMA PKPGLDFSPF DFAHFGFSPD NSGKERSFQA KPSPKLGRHV YSRPKVDIQK ICIGNKNIFT VSDLKPDTQY YFDVFVNNIN SNMSTAYVGT F
Tag:	N-terminal His tag
Buffer:	Prior to lyophilization: PBS, pH 7.4, containing 0.01% Sarcosyl, 5% Trehalose.
Activity:	Not tested
Concentration:	Prior to lyophilization: 120 µg/ml

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Note:

THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only