Recombinant Neuron Derived Neurotrophic Factor (NDNF) Instruction Manual

SIPU775Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1μg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	39.0kDa
Accurate Molecular Mass	44kDa(Analysis of differences refer to the manual)
Residues & Tags	Gln20~Phe331 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	4.9
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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                  Q KLPTRDEELF QMQIRDKAFF HDSSVIPDGA
EISSYLFRDT PKRYFFVVEE DNTPLSVTVT PCDAPLEWKL SLQELPEDRS
GEGSGDLEPL EQQKQQIINE EGTELFSYKG NDVEYFISSS SPSGLYQLDL
LSTEKDTHFK VYATTTPESD QPYPELPYDP RVDVTSLGRT TVTLAWKPSP
TASLLKQPIQ YCVVINKEHN FKSLCAVEAK LSADDAFMMA PKPGLDFSPF
DFAHFGFPSD NSGKERSFQA KPSPKLGRHV YSRPKVDIQK ICIGNKNIFT
VSDLKPDTQY YFDVFVVNIN SNMSTAYVGT F
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USAGE

Reconstitute in ddH_2O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

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°C 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.

Image

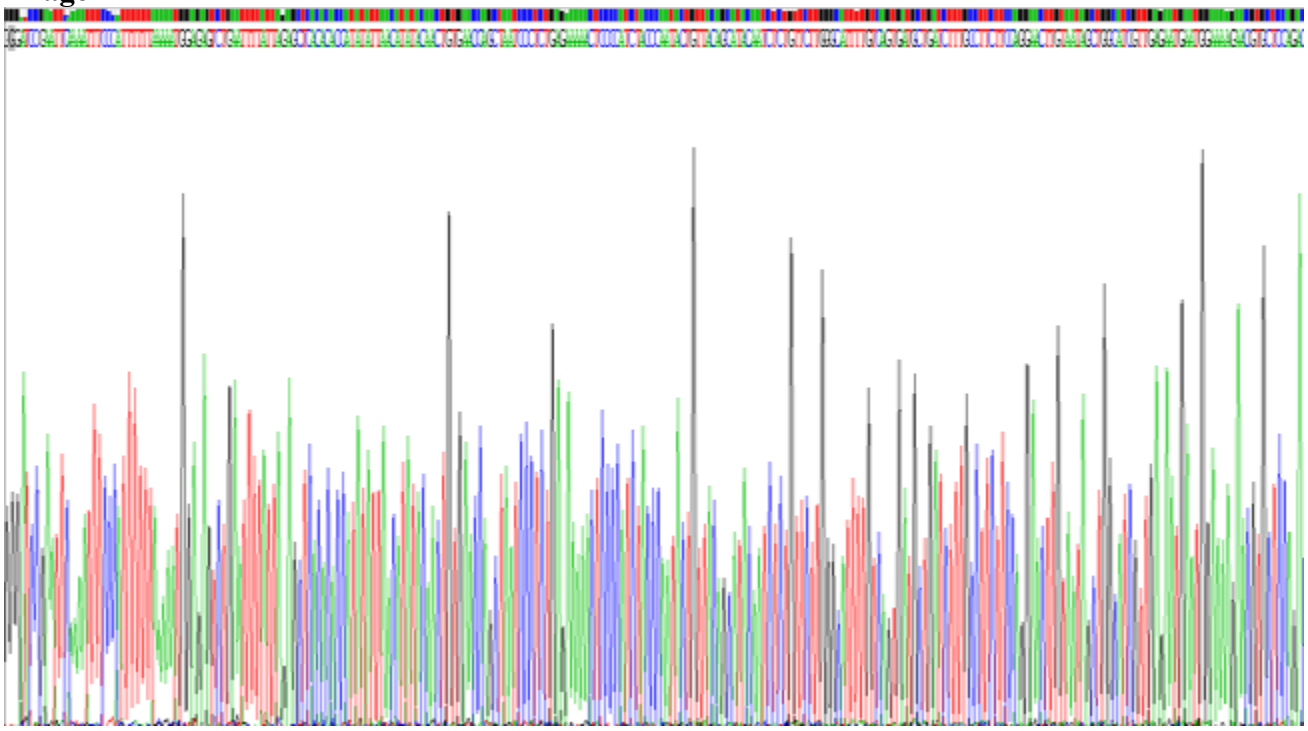

Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.