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Recombinant Nerve Growth Factor (NGF)

Catalog Number: SIPA068Bo01 **Spec: 500ug**

Product Name	Recombinant Nerve Growth Factor (NGF)
Catalog Number	SIPA068Bo01
Organism Species	Cattle
Source	Prokaryotic expression
Host	E.coli
Residues	Ser122~Ala241
Tags	N-terminal His Tag
Subcellular Location	Secreted, Endosome
Purity	> 90%
Traits	Freeze-dried powder
Buffer formulation	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Original Concentration	150μg/mL
Applications	Positive Control; Immunogen; SDS-PAGE; WB. (May be suitable for use in other assays to be determined by the end user.)
Predicted isoelectric point	8.8
Predicted Molecular Mass	17.1kDa
Accurate Molecular Mass	16&20kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

Aliquot and store at -80ºC for 12 months.

Stability Test: 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.

[SEQUENCE]

SSSHPVFHR GEFSVCDSIS VWVGDKTTAT
DIKGKEVMVL GEVNINNSVF KQYFFETKCR DPNPVDSGCR GIDAKHWNSY
CTTTHTFVKA LTMDGKQAAW RFIRIDTACV CVLSRKTGQR A

[IDENTIFICATION]

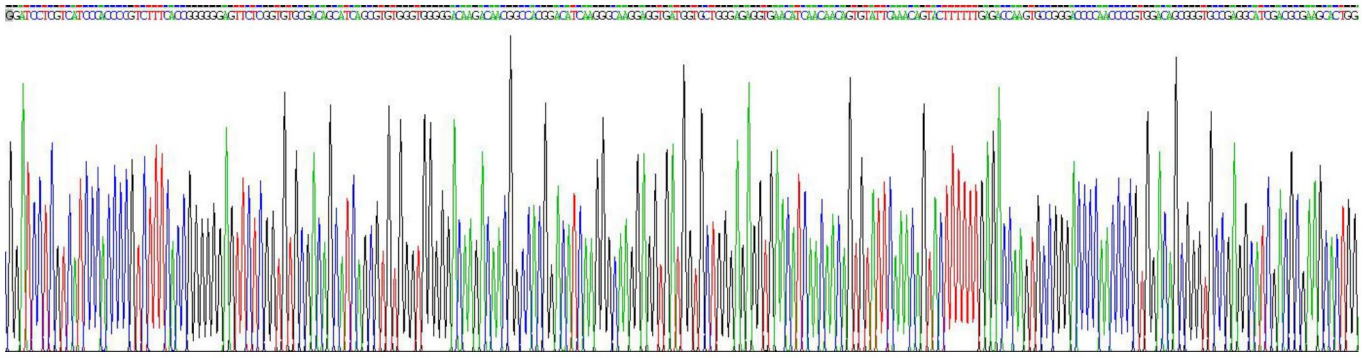


Figure . Gene Sequencing (extract)

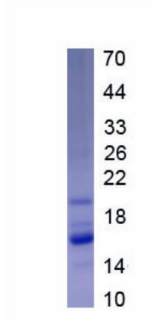


Figure. SDS-PAGE

[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.