

Nerve Growth Factor (NGF) Protein | NGF protein

Eukaryotic Nerve Growth Factor (NGF)

CATALOG # AAA147088	HOST 293F Cell	APPLICATIONS Western Blot, SDS-Page
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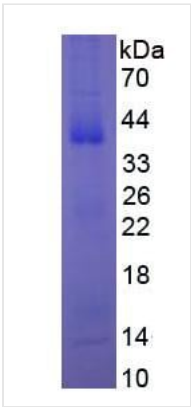
PRODUCT SYNONYMS

Nerve Growth Factor (NGF); Eukaryotic Nerve Growth Factor (NGF); NGFB; Beta-NGF; HSAN5; NGF-B; Beta-Nerve Growth Factor; NGF protein

PRODUCT SPECIFICATIONS

Host	293F Cell
Purity/Purification	> 95%
Form/Format	Freeze-dried powder
Sequence Length	241
Applicable Applications for NGF protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Fragment	Glu19~Arg239
Tag	N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 5% Trehalose and Proclin300.
Source Note	Eukaryotic expression
Organism Species	Human
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	9.9
Subcellular Location	Secreted
Usage	Reconstitute in PBS or others.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. 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 degree 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.

IMAGES



Sequence

EP HSESNVPAGH TIPQAHWTKL QHSLDTALRR
ARSAPAAAIA ARVAGQTRNI TVDPRLFKKR RLRSRVLFS TQPPREADT
QDLDFEVGGA APFNRTHRSK RSSSHPIFHR GEFSVCDSVS VVVGDKTTAT
DIKGKEVMVL GEVNINNSVF KQYFFETKCR DPNPVDSGCR GIDSKHWNSY
CTTHTFEVKA LTMDGKQAAW RFIRIDTACV CVLSRKAVR

SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for NGF protein	Eukaryotic proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	128159
UniProt Accession #	P19093
Molecular Weight	26.3kDa; 40kDa
NCBI Official Full Name	Beta-nerve growth factor
UniProt Protein Name	Beta-nerve growth factor
UniProt Gene Name	NGF
UniProt Synonym Gene Names	NGFB; Beta-NGF

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/293f-cell-protein/nerve-growth-factor-ngf/147088>