

Neurofilament 3 (NEF3) Recombinant Protein | NEF3 recombinant protein

Recombinant Neurofilament 3 (NEF3)

CATALOG # AAA135567	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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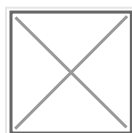
PRODUCT SYNONYMS

Neurofilament 3 (NEF3); Recombinant Neurofilament 3 (NEF3); NEF3 recombinant protein

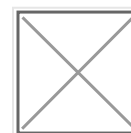
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandT7-ta g,itsseque nceisliste dbelow. MGSSHHHHH HSSGLVPRGS HMASMTGGQQ MGRGSEF-LQ GLNDRFAGYI EKVHYLEQQN KEIEAEIQAL RQKQASHAQL GDAYDQEIRE LRATLEMVNH EKAQVQLDSD HLEEDIHRLK ERFEEEARLR DDTEAAIRAL RKDIEEASLV KVELDKKVQS LQDEVAFLRS NHEEEVADLL AQIQASHITV ERKDYLKTDI STALKEIRSQ LESHSDQNMH Q
Sequence Length	916
Applicable Applications for NEF3 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Leu105~Gln287 (Accession # P07197) with two N-terminal Tags, His-tag and T7-tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Predicted Isoelectric Point	5.5
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
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. Stability Test: The thermal stability is described by the loss rate of the targetprotein. 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 andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	157738649
NCBI GeneID	4741
NCBI Accession #	NP_005373.2
NCBI GenBank Nucleotide #	NM_005382.2
UniProt Accession #	P07197; Q4QRK6; B4DGN2; E9PBF7
Molecular Weight	26.2kDa
NCBI Official Full Name	neurofilament medium polypeptide isoform 1
NCBI Official Synonym Full Names	neurofilament, medium polypeptide
NCBI Official Symbol	NEFM
NCBI Official Synonym Symbols	NFM; NEF3; NF-M
NCBI Protein Information	neurofilament medium polypeptide; neurofilament 3; 160 kDa neurofilament protein; neurofilament triplet M protein; neurofilament-3 (150 kD medium); neurofilament, medium polypeptide 150kDa
UniProt Protein Name	Neurofilament medium polypeptide
UniProt Gene Name	NEFM
UniProt Synonym Gene Names	NEF3; NFM; NF-M
UniProt Entry Name	NFM_HUMAN

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/nefm-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/135567>