

Nestin (NES) Recombinant Protein | NES recombinant protein

Recombinant Nestin (NES)

CATALOG # AAA135527	HOST E.coli	REACTIVITY Mus musculus (Mouse)	APPLICATIONS Western Blot, SDS-Page
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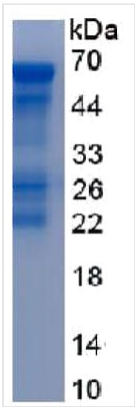
PRODUCT SYNONYMS

Nestin (NES); Recombinant Nestin (NES); NES recombinant protein

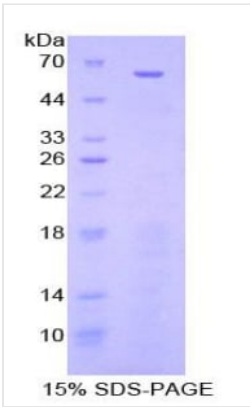
PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 80%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 300ug/mL (varies by lot)
Sequence	RVAHMESSLG QARERLGQAV RGARESLEV QQLQADRDLSL QERREALEQR LEGRWQDRLQ ATEKFQLAVE ALEQEKGQLQ SQIAQILEGG QQLAHLKMSL SLEVATYRTL LEAENSRLQT PGRSSQASLG FPDPKLKLHF LGIPEDQHLG SVLPVLSPTS FSSPLPNTLE TPVTAFLKTQ EFLKARTPTL ASTPIPPMSE APYPKNAEVR AQDVPHSLLQ GGRQQAPEPL WAEATVPSST GVLPELEEPG GEQPDHFPDD PPSLAP
Applicable Applications for NES recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Arg197~Pro462
Tags	N-terminal His and GST Tag
Subcellular Location	Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	5.7
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	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. 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



SDS-PAGE



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	50363232
NCBI GeneID	18008
NCBI Accession #	NP_057910.3
NCBI GenBank Nucleotide #	NM_016701.3
UniProt Accession #	Q6P5H2; Q80X00; Q8BPH7; Q9CV43; Q9R0C4; A1E2I2
Molecular Weight	Predicted Molecular Mass: 59.2kDa Accurate Molecular Mass: 60kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	nestin
NCBI Official Synonym Full Names	nestin
NCBI Official Symbol	Nes
NCBI Official Synonym Symbols	C78523; ESTM46; AA166324
NCBI Protein Information	nestin; intermediate filament protein
UniProt Protein Name	Nestin
UniProt Gene Name	Nes
UniProt Entry Name	NEST_MOUSE

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/nestin-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/135527>