

Eukaryotic Nesfatin 1 (NES1)

Instruction Manual

SFPA106Ra61

Rattus norvegicus (Rat)

Source	Eukaryotic expression
Host	293F cell
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane, Nucleus, Secreted, Golgi apparatus
Predicted Molecular Mass	48.6kDa
Accurate Molecular Mass	49kDa(Analysis of differences refer to the manual)
Residues & Tags	Val25~Thr420 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	4.7
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

VPIDVD KTKVHNVEPV ESARIEPPDT
GLYYDEYLKQ VIEVLETDPH FREKLQKADI EEIRSGRLSQ ELDLVSHKVR
TRLDELKRQE VGRLRMLIKA KLDALQDTGM NHHLLLKQFE HLNHQNPDTF
ESKDLDMLIK AATADLEQYD RTRHEEFKKY EMMKEHERRE YLKTLSSEKR
KEEEAKFAEM KRKHEDHPKV NHPGSKDQLK EVWEETDGLD PND FDPKTFF
KLHDVNNDGF LDEQEALF TKELDKVYNP QNAEDDMIEM EEERLRMREH
VMNEIDNNDK RLVTLLEFLR ATEKKEFLEP DSWETLDQQQ LFTEEEELKEY
ESIIAIQESE LKKKADELQK QKEELQRQHD HLEAQKQEQYQ QAVQQLEQKK
FQQGIAPSGP AGELKFEPHT

USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 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

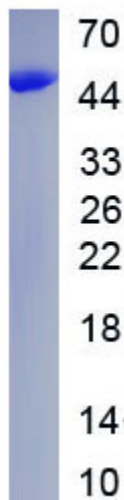


Figure. SDS-PAGE

[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.