Recombinant Neuraminidase (NEU) Instruction Manual

SIPB251Hu02

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1μg (determined by the LAL method)
Subcellular Location	Membrane, Chromosome
Predicted Molecular Mass	47.0kDa
Accurate Molecular Mass	46kDa(Analysis of differences refer to the manual)
Residues & Tags	Ala47~Leu415 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	> 97%
Isoelectric Point	5.3
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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                                                        AEND
FGLVQPLVTM EQLLWVSGRQ IGSVDTFRIP LITATPRGTL LAFAEARKMS
SSDEGAKFIA LRRSMDQGST WSPTAFIVND GDVPDGLNLG AVVSDVETGV
VFLFYSLCAH KAGCQVASTM LVWSKDDGVS WSTPRNLSLD IGTEVFAPGP
GSGIQKQREP RKGRLIVCGH GTLERDGVFC LLSDDHGASW RYGSGVSGIP
YGQPKQENDF NPDECQPYEL PDGSVVINAR NQNNYHCHCR IVLRSYDACD
TLRPRDVTFD PELVDPVVAA GAVVTSSGIV FFSNPAHPEF RVNLTLRWSF
SNGTSWRKET VQLWPGPSGY SSLATLEGSM DGEEQAPQLY VLYEKGRNHY
TESISVAKIS VYGTL
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USAGE

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

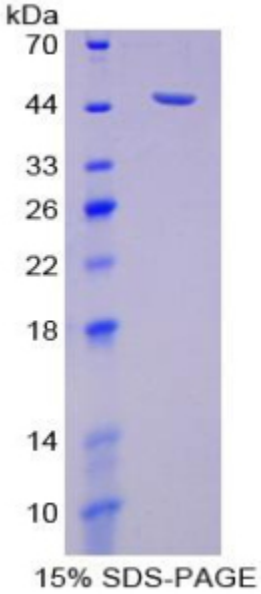
STORAGE

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



SDS-PAGE Image

[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.