

Recombinant Enolase, Neuron Specific (NSE) Instruction Manual

SIPA807Mu01

Mus musculus (Mouse)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	n/a
Predicted Molecular Mass	36.1kDa
Accurate Molecular Mass	37kDa(Analysis of differences refer to the manual)
Residues & Tags	Met1~Ser104 linked with Leu224~Leu434 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	5.2
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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MSIEKIWARE ILDSRGNPTV EVDLYTAKGL FRAAVPSGAS TGIYEALELR
DGDKQRYLKG GVLKAVDHIN SRIAPALISS GISVVEQEKL DNLMLELDGT
ENKSLELVKE AIDKAGYTEK MVIGMDVAAS EFYRDGKYDL DFKSPADPSR
YITGDQLGAL YQDFVRNYPV VSIEDPFDQD DWAAWSKFTA NVGIQIVGDD
LTVTNPKRIE RAVEEKACNC LLLKVNQIGS VTEAIQACKL AQENGWGVMV
SHRSGETEDT FIADLVVGLC TGQIKTGAPC RSERLAKYNQ LMRIEEELGD
EARFAGHNFR NPSVL
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USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

STORAGE

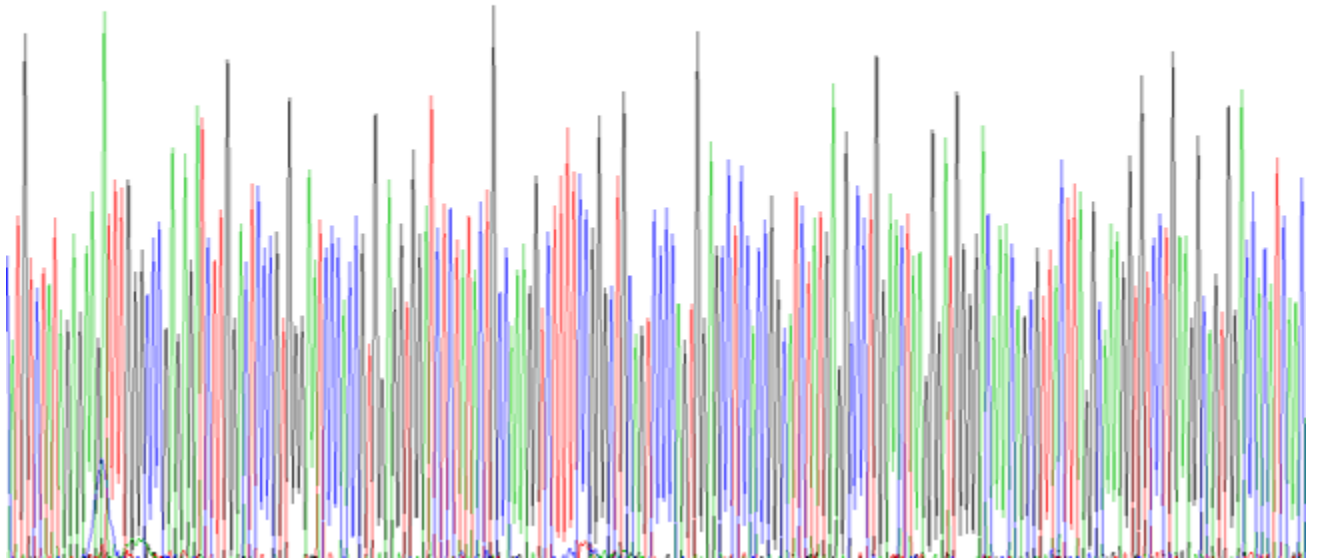
Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

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

ATGCTGTAAGAGGTTGGGTCGAGGCTTGGACTTCCCGGCAATCCACAGGCTTTTCCGGCTGGAGTCCAGTGGAGCTTCGATGCAATTTGAGGCTGGAAATAGGGTGGGGCAAAAGGTTATAGGCAAGCATCTCCAGCCATGGGATCTCAAT
MSIEKIVAREILD SRGNPTVEVDIYTAAGLFRAAVPSGASTGIYEAL EIRDGDKQRV LGGV LKAVDHI N



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.