

Recombinant Enolase, Neuron Specific (NSE) Instruction Manual

SIPA807Mu02

Mus musculus (Mouse)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane, Cytoplasm, Chromosome
Predicted Molecular Mass	48.4kDa
Accurate Molecular Mass	48kDa(Analysis of differences refer to the manual)
Residues & Tags	Ser2~Leu434 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 97%
Isoelectric Point	5.2
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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SIEKIWARE ILDSRGNPTV EVDLYTAKGL FRAAVPSGAS TGIYEALELR
DGDKQRYLGK GVLKAVDHIN SRIAPALISS GISVVEQEKL DNLMLELDGT
ENKSKFGANA ILGVSLAVCK AGAAERDLPL YRHIAQLAGN SDLILPVPF
NVIINGGSHAG NKLAMQEFMI LPVGAESFRD AMRLGAEVYH TLKGVIKDKY
GKDATNVGDE GGFAPNILEN SEALELVKEA IDKAGYTEKM VIGMDVAASE
FYRDGKYDLD FKSPADPSRY ITGDQLGALY QDFVRNYPVV SIEDPFDQDD
WAAWSKFTAN VGIQIVGDDL TVTNPKRIER AVEEKACNCL LLKVNQIGSV
TEAIQACKLA QENGWGMVMS HRSGETEDTF IADLVVGLCT GQIKTGAPCR
SERLAKYNQL MRIEEELGDE ARFAGHNFRN PSVL
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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

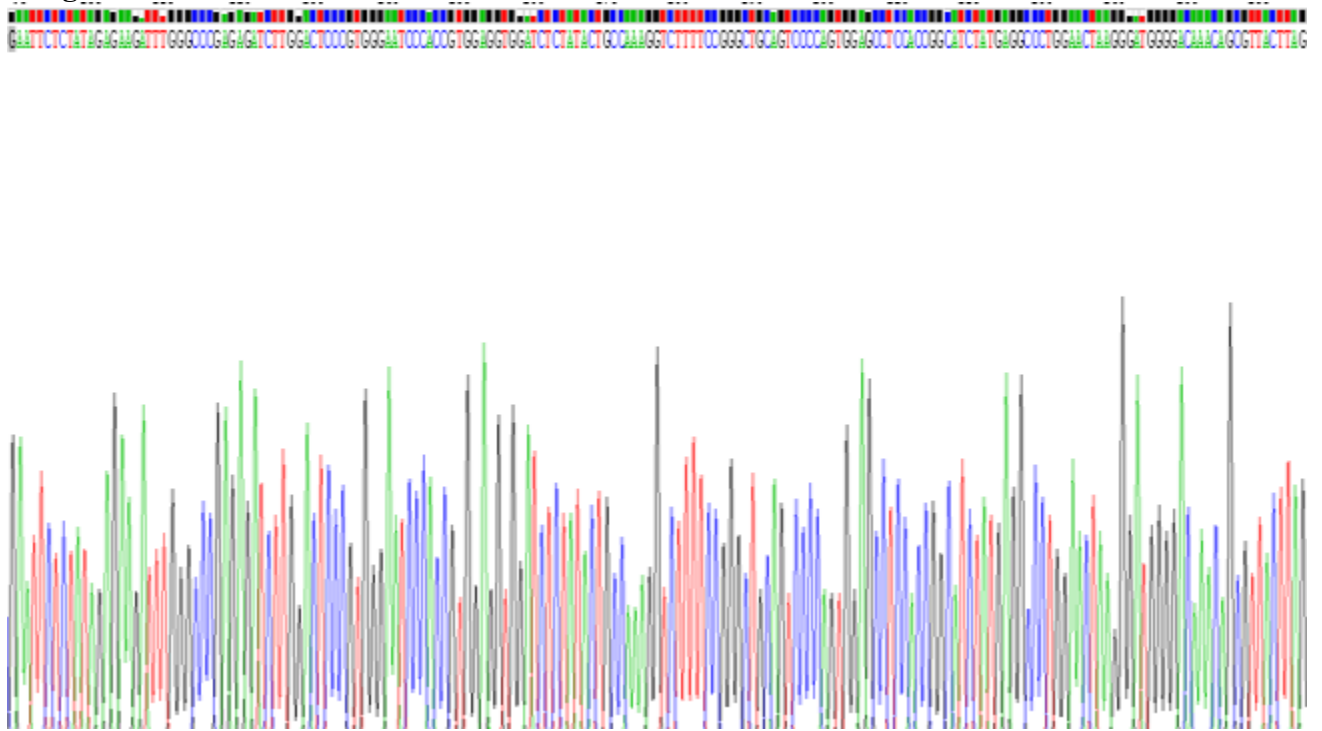


Figure. SDS-PAGE

[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.

