

RPA537Hu01 100µg

Recombinant Enolase, Neuron Specific (NSE)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Met1~Leu434

Tags: N-terminal His Tag

Subcellular Location: Membrane, Cytoplasm

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.

Original Concentration: 650µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 5.1

Predicted Molecular Mass: 49.0kDa

Accurate Molecular Mass: 50kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

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

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°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°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.

[SEQUENCE]

MSIEKIWARE	ILDSRGNPTV	EVDLYTAKGL	FRAAVPSGAS	TGIYEALELR
DGDQRYLQK	GVLKAVDHIN	STIAPALISS	GLSVVEQEK	DNLMLDGT
ENKSKFGANA	ILGVSLAVCK	AGAAERELPL	YRHIAQLAGN	SDLILPVPF
NVINGGSHAG	NKLAMQEFMI	LPVGAESFRD	AMRLGAEVYH	TLKGVIKDKY
GKDATNVGDE	GGFAPNILEN	SEALELVKEA	IDKAGYTEKI	VIGMDVAASE
FYRDGKYDLD	FKSPTDPSRY	ITGDQLGALY	QDFVRDYPVV	SIEDPFDQDD
WAAWSKFTAN	VGIQIVGDDL	TVTNPRIER	AVEEKACNCL	LLKVNQIGSV
TEAIQACKLA	QENGWGVMS	HRSGETEDTF	IADLVVGLCT	GQIKTGAPCR
SERLAKYNQL	MRIEEEELGDE	ARFAGHNFRN	PSVL	

[IDENTIFICATION]

21GTGCTGATAGAGAGAGATCTGGGCGGGGGAGTCTGCTGACTGCGGGGAGCCCGGCGGGTGGAGTCTCTATATCGCCAGAGGCTTTTTCGCGCTGGCGTGGCCGCTGAGGGGATCTATGAGGCGCTGGAGCTGAGGGATGGAGACAAACAGGTTTCTTGGCCAGGGTGTCTCTGAGGCGTGGAGCCATCAA
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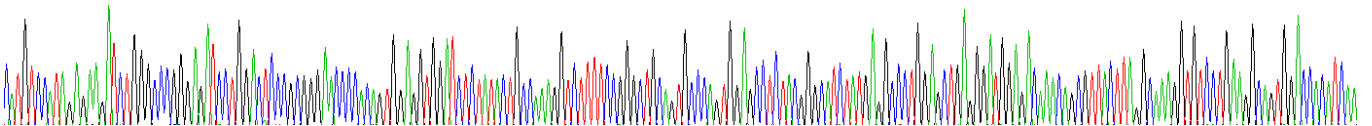
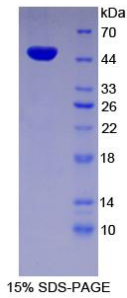


Figure. Gene Sequencing (Extract)



[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.