

RPB449Mu01 100µg
Recombinant Enolase, Non Neuronal (NNE)
Organism Species: Mus musculus (Mouse)
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

9th Edition (Revised in Jul, 2013)

[PROPERTIES]

Residues: Met1~Lys434 (Accession # P17182),
with N-terminal His-Tag.

Host: *E. coli*

Subcellular Location: Cytoplasm. Cell
membrane.

Purity: >95%

Endotoxin Level: <1.0EU per 1µg
(determined by the LAL method).

Formulation: Supplied as lyophilized form in 20mM Tris,
500mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT,
0.01% sarcosyl, 5% trehalose, and preservative.

Predicted isoelectric point: 6.7

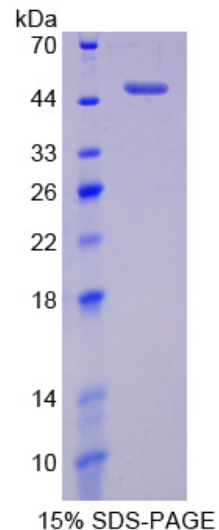
Predicted Molecular Mass: 49.5kDa

Applications: SDS-PAGE; WB; ELISA; IP.

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

[USAGE]

Reconstitute in ddH₂O.



[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 of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCES]

The target protein is fused with N-terminal His-Tag, its sequence is listed below.

MGHHHHHSGSEFELRRQAC-MSILRIHARE IFDSRGNPTV EVDLYTAKGL FRAAVPSGAS
TGIYEALELR DNDKTRFMGK GVSQAVEHIN KTIAPALVSK KVVNVEQEKI DKLMIEMDGT
ENKSKFGANA ILGVSLAVCK AGAVEKGVPL YRHIADLAGN PEVILPVPF NVINGGSHAG
NKLAMQEFMI LPVGASSFRE AMRIGAEVYH NLKNVIKEY GKDATNVGDE GGFAPNILEN
KEALELLKTA IAKAGYTDQV VIGMDVAASE FYRSGKYDLD FKSPDDPSRY ITPDQLADLY
KSFVQNYPPV SIEDPFDQDD WGAWQKFTAS AGIQVVGDDL TVTNPKRIAK AASEKSCNCL
LLKVNQIGSV TESLQACKLA QSNWGWVMVS HRSGETEDTF IADLVVGLCT GQIKTGAPCR
SERLAKYNQI LRIEELGSK AKFAGRSFRN PLAK

[REFERENCES]

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3. Giannakopoulos N.V., *et al.* (2005) *Biochem. Biophys. Res. Commun.* 336:496-506.
4. Ballif B.A., *et al.* (2008) *J. Proteome Res.* 7:311-318.