

Recombinant Enolase 1 (ENO1)

Instruction Manual

SIPB782Mu01

Mus musculus (Mouse)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane, Cytoplasm
Predicted Molecular Mass	49.5kDa
Accurate Molecular Mass	48kDa(Analysis of differences refer to the manual)
Residues & Tags	Met1~Lys434 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	> 90%
Isoelectric Point	6.7
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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MSILRIHARE IFDSRGNPTV EVDLYTAKGL FRAAVPSGAS TGIYEALELR
DNDKTRFMGK GVSQAVEHIN KTIAPALVSK KVNVEQEKI DKLMIEMDGT
ENKSKFGANA ILGVSLAVCK AGAVEKGVPL YRHIADLAGN PEVILPVPAF
NVINGGSHAG NKLAMQEFMI LPVGASSFRE AMRIGAEVYH NLKNVIKEY
GKDATNVGDE GGFAPNILEN KEALELLKTA IAKAGYTDQV VIGMDVAASE
FYRSGKYDLD FKSPDDPSRY ITPDQLADLY KSFVQNYPVV SIEDPFDQDD
WGAWQKFTAS AGIQVVGDDL TVTNPKRIAK AASEKSCNCL LLKVNQIGSV
TESLQACKLA QSNWGWVMS HRSGETEDTF IADLVVGLCT GQIKTGAPCR
SERLAKYNQI LRIEEEELGSK AKFAGRSFRN PLAK
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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.

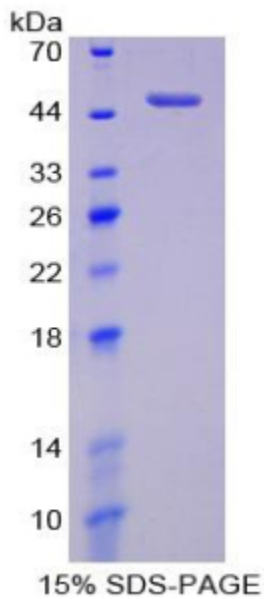
STORAGE

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.