RPB370Mu01 50μg
Recombinant Lactate Dehydrogenase A (LDHA)
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~Phe332

Tags: N-terminal His-Tag

Accession: P06151

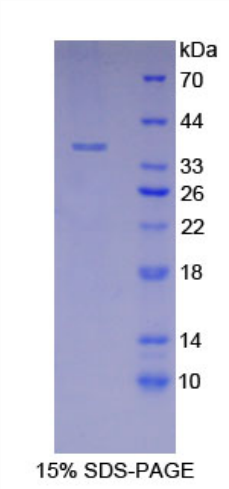
Host: *E. coli*

Subcellular Location: Cytoplasm.

Purity: >95%

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

Formulation: Supplied as lyophilized form in 10mM PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and preservative.



15% SDS-PAGE

Predicted isoelectric point: 7.2

Predicted Molecular Mass: 38.0kDa

Applications: SDS-PAGE; WB; ELISA; IP.
(May be suitable for use in other assays to be determined by the end user.)

[USAGE]

Reconstitute in sterile ddH_2O.

[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 sequence of the target protein is listed below.

MATLKDQLIV NLLKEEQAPQ NKITVVGVGA VGMACAISIL MKDLADELAL VDVMEDKLKG EMMDLQHGSL FLKTPKIVSS KDYCVTANSK LVIITAGARQ QEGESRLNLV QRNVNIFKFI IPNIVKYSPH CKLLIVSNPV DILTYVAWKI SGFPKNRVIG SGCNLDSARF RYLMGERLGV HALSCHGWVL GEHGDSSVPV WSGVNVAGVS LKSLNPELGT DADKEQWKEV HKQVVDSAYE VIKLKGYTSW AIGLSVADLA ESIMKNLRRV HPISTMIKGL YGINEDVFLS VPCILGQNGI SDVVKVTLTP EEEARLKKSA DTLWGIQKEL QF

[REFERENCES]

1. Fukasawa K.M., Li S.S.-L. (1987) Genetics 116:99-105.
2. Li S.S.-L., *et al.* (1985) Eur. J. Biochem. 149:215-225.
3. Fukasawa K.M., Li S.S.-L. (1986) Biochem. J. 235:435-439.
4. Akai K., *et al.* (1985) Int. J. Biochem. 17:645-648.