

RPE832Mu01 100ug

Recombinant Aldehyde Dehydrogenase 3 Family, Member B1 (ALDH3B1)

Organism Species: *Mus musculus* (Mouse)

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~Cys465

Tags: N-terminal His Tag

Subcellular Location: Secreted

Purity: > 90%

Traits: Freeze-dried powder

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

Original Concentration: 200µg/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: 7.5

Predicted Molecular Mass: 55.7kDa

Accurate Molecular Mass: 56kDa 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]

MDSFEDKLQQ LREAFKEGRT RSAEFRAAQL QGLSHFLRDN KQQLQEALAQ
DLHKS SAFEA EVSEIAISQA EVDLALRNLR SWMKDEK VSK NLATQLDSAF I
RKEPFGLV LIIVPWNYP I NLTLPVPLVGA IAAGNCVVLK PSEISKATEK IL
AEVLP RY LDQSCFTVVL GGRQETGQLL EHKFDYIFFT GNAYVGKIVM AAA
AKHLTP ITLELGGKNP CYVDDNCDPQ IVANRVAWFR YFNAGQTCVA PDYI
LCSQE MQR LVPALQ NAITRFYGDN PQTSPNLGRI INQKHFRLQ GLLGC
GRVA IGGQSDEGER YIAPTVLVDV QETEPVMQEE IFGPILPLVT VRS LDE
AIE FMNRREKPLA LYAFSKRSQV IKQVLARTSS GGFCGNDGFM HMTLSSL
PF GGVGTSGMGR YHGKFSFDTF SNQRACLLR PGMEKINDLR YPPYSSRN
L RVLLVAMEER CCSC

[IDENTIFICATION]



[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.