SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

Recombinant Aldehyde Dehydrogenase 1 Family, Member L1 (ALDH1L1)

Catalog Number: SIPE522Mu01 **Spec: 100ug**

Product Name	Recombinant Aldehyde Dehydrogenase 1 Family, Member L1 (ALDH1L1)
Catalog Number	SIPE522Mu01
Organism Species	Mouse
Source	Prokaryotic expression
Host	E.coli
Residues	Thr417~Tyr902
Tags	N-terminal His Tag
Subcellular Location	Cytoplasm
Purity	> 90%
Traits	Freeze-dried powder
Buffer formulation	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	7.1
Predicted Molecular Mass	56.6kDa
Accurate Molecular Mass	57kDa 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 2-8ºC for one month.

Aliquot and store at -80ºC for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined

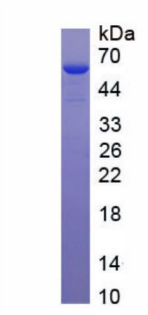
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by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

TLQM PYQLFIGGEF VDAEGAKTYS TINPTDGSVI
CQVSLAQVS DVDKAVAAAK EAFENGLWGK INARDRGRLL YRLADLMEQH Q
EELATIEA LDAGAVYTLA LKTHVGMSIQ TFRYFAGWCD KIQGATIPIN QA
RPNRNLT LTKKEPVGVC GIVIPWNYPL MMLSWKTAAC LAAGNTVVIK PAQ
VTPLTA LKFAELTLKA GIPKGVVNIL PGSGSLVGQR LSDHPDVRKI GFTG
STEVG KHIMKSCALS NVKKVSLELG GKSPLIIFAD CDLNKAVQMG MSSVF
FNKG ENCIAAGRLF VEDSIHDQFV QKVVEEVGKM KIGNPLDRDT NHGPQN
HEA HLRKLVEYCQ RGVKEGATLV CGGNQVPRPG FFFQPTVFTD VEDHMYI
AK EESFGPIMII SRFADGDVDA VLSRANATEF GLASGVFTRD INKALYVS
D KLQAGTVFVN TYNKTDVAAP FGGFKQSGFG KDLGEAALNE YLRIKTVTF
EY

[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.