

Recombinant Histone Deacetylase 1 (HDAC1) Instruction Manual

SIPC299Hu01

Homo sapiens (Human)

| | |
|---------------------------------|---|
| Source | Prokaryotic expression |
| Host | E.coli |
| Endotoxin Level | <1.0EU per 1µg (determined by the LAL method) |
| Subcellular Location | Nucleus |
| Predicted Molecular Mass | 58.8kDa |
| Accurate Molecular Mass | 28&70kDa(Analysis of differences refer to the manual) |
| Residues & Tags | Met1~Ala482 with N-terminal His Tag |
| Buffer Formulation | PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. |
| Traits | Freeze-dried powder |
| Purity | > 90% |
| Isoelectric Point | 5.3 |
| Applications | Positive Control; Immunogen; SDS-PAGE; WB. |

SEQUENCE

MAQTQGTRRK VCYYYDGDVG NYYYYGQGHPM KPHRIRMTHN LLLNYGLYRK
MEIYRPHKAN AEEMTKYHSD DYIKFLRSIR PDNMSEYSKQ MQRFNVGEDC
PVFDGLFEFC QLSTGGSVAS AVKLNKQQTD IAVNWAGGLH HAKKSEASGF
CYVNDIVLAI LELLKYHQRV LYIDIDIHG DGVEEAFYTT DRVMTVSFHK
YGEYFPGTGD LRDIGAGKGK YYAVNYPLRD GIDDESYEAI FKPVMSKVME
MFQPSAVVLQ CGSDSLSGDR LGCFNLTIKG HAKCVEFVKS FNLPMLMLGG
GGYTIRNVAR CWTYETAVAL DTEIPNELPY NDYFEYFGPD FKLHISPSNM
TNQNTNEYLE KIKQRLFENL RMLPHAPGVQ MQAIPEDAIP EESGDEDED
PDKRISICSS DKRIACEEEF SDSEEEGEGG RKNSSNFKKA KRVKTEDEKE
KDPEEKKEVT EEEKTKEEK P EAKGVKEEVK LA

USAGE

Reconstitute in ddH₂O to a concentration of 0.1-0.5 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

MAQ T Q G T R R K V C T T D G D V G N T T Y G Q G H P M X P H R I R H T H N L I I N T G I Y R K M E I Y R P H K A N A E E M T K T H S D

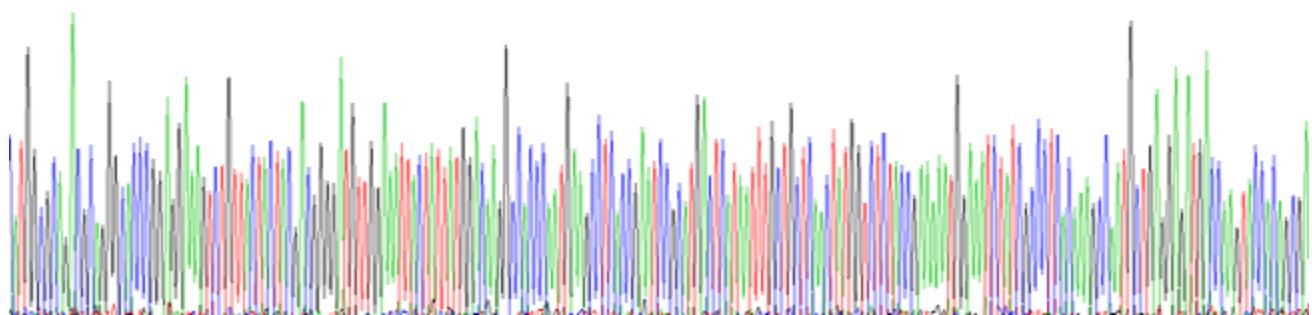


Figure. SDS-PAGE

[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.