

Recombinant Histone Deacetylase 3 (HDAC3) Instruction Manual

SIPE907Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Nucleus, Cytoplasm
Predicted Molecular Mass	52.5kDa
Accurate Molecular Mass	53kDa(Analysis of differences refer to the manual)
Residues & Tags	Met1~Ile428 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 80%
Isoelectric Point	5.0
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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MAKTVAYFYD PDVGNFHYGA GHPMKPHRLA LTHSLVLHYG LYKKMIVFKP  
YQASQHDMCR FHSEDYIDFL QRVSPNTMQG FTKSLNAFNV GDDCPVFPGL  
FEFCSRYTGA SLQGATQLNN KICDIAINWA GGLHHAKKFE ASGFCYVNDI  
VIGILELLKY HPRVLYIDID IHHDGQVQEA FYLTDRVMTV SFHKYGNVFF  
PGTGDMYEVG AESGRYYCLN VPLRDGIDDQ SYKHLFQPVI NQVVDFYQPT  
CIVLQCGADS LGCDRLGCFN LSIRGHGECV EYVKSFNIP LVLGGGGYTV  
RNVARCWTYE TSLLEVEAIS EELPYSEYFE YFAPDFTLHP DVSTRIENQN  
SRQYLDQIRQ TIFENLKMLN HAPSVQIHDV PADLLTYDRT DEADAERGP  
EENYSRPEAP NEFYDGDHDN DKESDVEI
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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



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.