

Recombinant Caspase Activated DNase (CAD) Instruction Manual

SIPB037Hu01

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	31.1kDa
Accurate Molecular Mass	29kDa(Analysis of differences refer to the manual)
Residues & Tags	Arg87~Lys323 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	8.4
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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QAAQQLLCDE QAPQRQLLA DLLHNVSQNI AAETRAEDPP WFEGLESRFQ
SKSGYLRYSC ESRIRSYLRE VSSYPSTVGA EAQEEFLRVL GSMCQRLRSM
QYNGSYFDRG AKGGSRLCTP EGWFSCQGPF DMDSCLSRHS INPYSNRESR
ILFSTWNLDH IIEKKRTIIP TLVEAIKEQD GREVDWEYFY GLLFTSENLK
LVHIVCHKKT THKLNCDPSR IYK
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USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

STORAGE

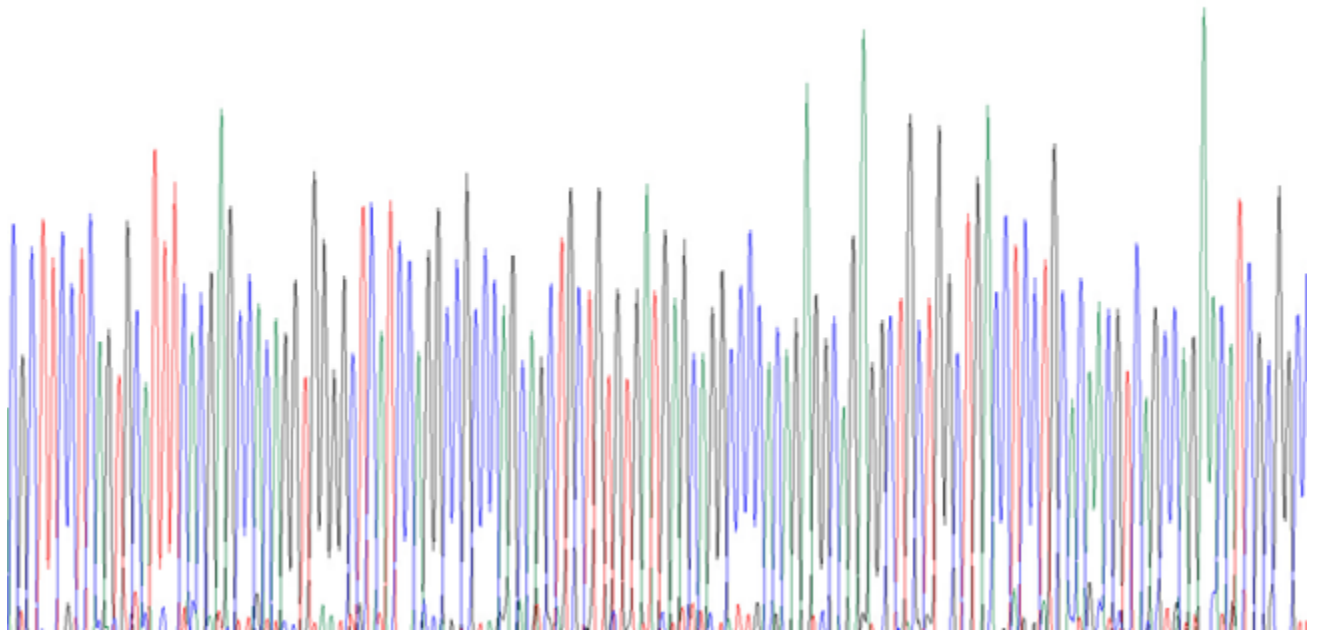
Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

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

.CGCTTCCTCAGTGCATTTACAGAGCCACAGGTGGGGCTCATCCAGGGCCGCCAGCAGCTGCTGTGTGATGAGCAGGGCCCCACAGAGGCAGAGGCTGCTGGCTGACCTCCTGCAACAAGTCAGCCAGAACATCGCGGC
R P L S A P E E P Q V G L I Q A A Q Q L L C D E Q A P Q R R L L A D L L E V S Q N I A A



SDS-PAGE Image

[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.