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

Recombinant Caspase Activated DNase (CAD)

Catalog Number: SIPB037Hu01 **Spec: 10ug**

Product Name	Recombinant Caspase Activated DNase (CAD)
Catalog Number	SIPB037Hu01
Organism Species	Human
Source	Prokaryotic expression
Host	E.coli
Residues	Arg87~Lys323
Tags	N-terminal His Tag
Subcellular Location	Nucleus, Cytoplasm
Purity	> 90%
Traits	Freeze-dried powder
Buffer formulation	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% Sarcosyl, 5%Trehalose.
Original Concentration	250μg/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	8.4
Predicted Molecular Mass	31.1kDa
Accurate Molecular Mass	29kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) 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

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]

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

[IDENTIFICATION]

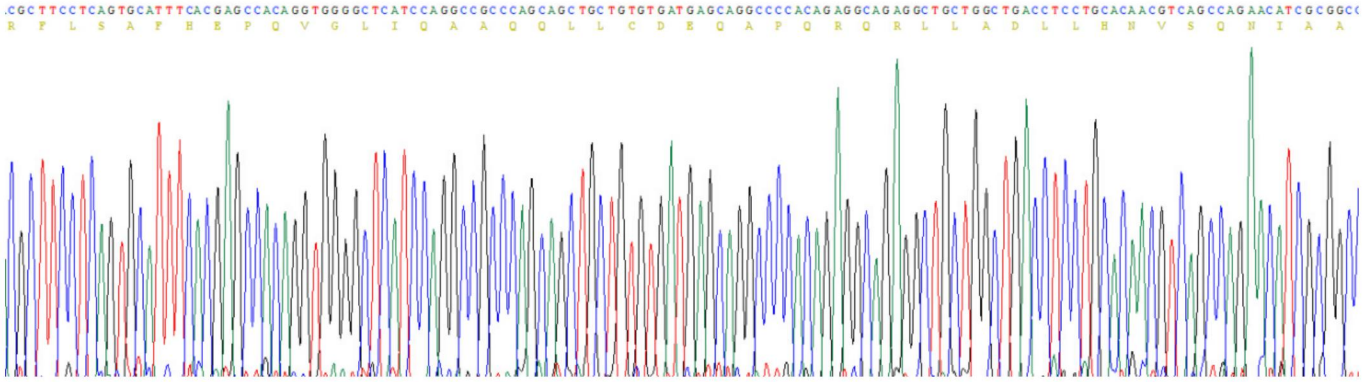
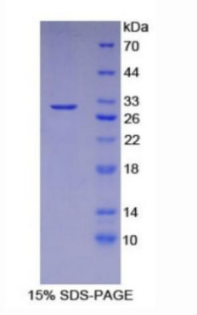


Figure. Gene Sequencing (Extract)



[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.