

## Caspase Activated DNase (CAD) Recombinant Protein | CAD recombinant protein

Recombinant Caspase Activated DNase (CAD)

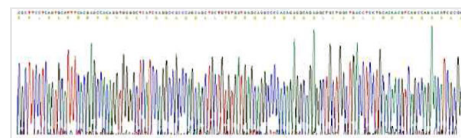
|                              |                       |                                               |
|------------------------------|-----------------------|-----------------------------------------------|
| CATALOG #<br><b>AAA20324</b> | HOST<br><b>E.coli</b> | APPLICATIONS<br><b>SDS-Page, Western Blot</b> |
|------------------------------|-----------------------|-----------------------------------------------|

### PRODUCT SYNONYMS

Caspase Activated DNase (CAD); Recombinant Caspase Activated DNase (CAD); CAD recombinant protein

### PRODUCT SPECIFICATIONS

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Purity/Purification                                 | > 95%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Form/Format                                         | Freeze-dried powder; PBS, pH7.4, containing 0.01% SKL, 5% Trehalose .                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Concentration                                       | 400ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Applicable Applications for CAD recombinant protein | Positive Control, Immunogen, SDS-PAGE, WB (Western Blot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Application Notes                                   | (May be suitable for use in other assays to be determined by the end user.)                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Source                                              | Prokaryotic expression                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Residues                                            | Arg87~Lys323                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Tags                                                | N-terminal His Tag                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Subcellular Location                                | Nucleus, Cytoplasm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Isoelectric point                                   | Predicted: 8.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Reconstitute                                        | Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Preparation and Storage                             | <p><b>Storage:</b><br/> Avoid repeated freeze/thaw cycles.<br/> Store at 2-8°C for one month.<br/> Aliquot and store at -80°C for 12 months.</p> <p><b>Stability Test:</b><br/> 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.</p> |



## SDS-PAGE

### Sequence Information

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA20324 | For Research Use Only. Not for use in diagnostic procedures. Page 2 of 2