

Caspase 3 (CASP3) Recombinant Protein | CASP3 recombinant protein

Recombinant Caspase 3 (CASP3)

CATALOG # AAA134416	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
-------------------------------	-----------------------	---

PRODUCT SYNONYMS

Caspase 3 (CASP3); Recombinant Caspase 3 (CASP3); CASP3 recombinant protein

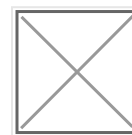
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	The target protein is fused with two N-terminal Tags, His-tag and T7-tag, its sequence is listed below. MGSSHHHHH HSSGLVPRGS HMASMTGGQQ MGRGSEF-AC HKIPVEADFL YAYSTAPGY SWRNSKDGSW FIQSLCAMLK QYADKLEFMH ILTRVNRKVA TEFESFSFDA TFHAKKQIPC IVSMLTKELY FYH
Sequence Length	277
Applicable Applications for CASP3 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Ala183-His277 (Accession # P42574) with two N-terminal Tags, His-tag and T7-tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	14790119
NCBI GeneID	836

NCBI Accession #	NP_004337.2
NCBI GenBank Nucleotide #	NM_004346.3
UniProt Accession #	P42574 ; Q96AN1 ; Q96KP2 ; A8K5M2 ; D3DP53
Molecular Weight	15.0kDa
NCBI Official Full Name	caspase-3 preproprotein
NCBI Official Synonym Full Names	caspase 3, apoptosis-related cysteine peptidase
NCBI Official Symbol	CASP3
NCBI Official Synonym Symbols	CPP32; SCA-1; CPP32B
NCBI Protein Information	caspase-3; CASP-3; CPP-32; apopain; procaspase3; protein Yama; PARP cleavage protease; cysteine protease CPP32; SREBP cleavage activity 1; caspase 3, apoptosis-related cysteine protease
UniProt Protein Name	Caspase-3
UniProt Gene Name	CASP3
UniProt Synonym Gene Names	CPP32; CASP-3; CPP-32; SCA-1
UniProt Entry Name	CASP3_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/casp3-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134416>