

Caspase 9 (CASP9) Recombinant Protein | CASP9 recombinant protein

Recombinant Caspase 9 (CASP9)

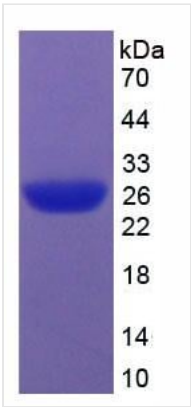
CATALOG # AAA134200	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Caspase 9 (CASP9); Recombinant Caspase 9 (CASP9); CASP9 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	Thetargetp roteinisfu sedwithN-t erminalHis -Tag,itsse quenceisli stedbelow. MGHHHH HHS GSEF-ME EADRQLLRRC RVRLVRELQV AELWDALLSR ELFTRDMIED IQRAGSGSRR DQARQLVIDL ETRGRQALPR FISCLEDTGQ GSLASFLQSS GQAAKQDPEA VTPLDHLVPV VLGPMGLKSK EQKVVKLDPS QPALGNLTPV VLGPEELWPT RLRPEVLTPE TPRPVDIGSG RAHDVCTPGK IERHADMAYT LDSDPCGH
Sequence Length	454
Applicable Applications for CASP9 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Rattus norvegicus (Rat)
Expression System	Prokaryotic expression
Residues	Met1~His200 (Accession # F1M776) with N-terminal His-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 targetprotein. 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 andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.



Sequence

MEEADRQLLR RCRVRLVREL QVAELWDALL SRELFTRDMI EDIQRAGSGS
RRDQARQLVI DLETRGRQAL PRFISCL EDT GQGSLASFLQ SSGQAAKQDP
EAVTPLDHLV PVLGPMGLK SKEQKVVKLD PSQPALGNLT PVLGPPEELW
PTRLRPEVLT PETPRPVDIG SGRAHDVCTP GKIERHADMA YTLDSGPCGH

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	13928872
NCBI GeneID	58918
NCBI Accession #	NP_113820.1
NCBI GenBank Nucleotide #	NM_031632.1
UniProt Accession #	F1M776
Molecular Weight	23.7kDa
NCBI Official Full Name	caspase-9
NCBI Official Synonym Full Names	caspase 9, apoptosis-related cysteine peptidase
NCBI Official Symbol	Casp9
NCBI Official Synonym Symbols	Mch6; Apaf3; Casp9_v1; Ice-Lap6; Casp-9-CTD
NCBI Protein Information	caspase-9; apoptotic protease Mch-6; Ice-like apoptotic protease 6; caspase-9 dominant negative form; caspase-9-carboxyl-terminal divergent; apoptotic protease activating factor 3; 25 kDa caspase-9 dominant negative protein
UniProt Protein Name	Caspase
UniProt Gene Name	Casp9
UniProt Synonym Gene Names	RNCASP9
UniProt Entry Name	Q9JHK1_RAT

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.