

Caspase 4 (CASP4) Recombinant Protein | CASP4 recombinant protein

Recombinant Caspase 4 (CASP4)

CATALOG # AAA152064	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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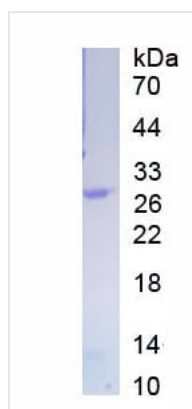
PRODUCT SYNONYMS

Caspase 4 (CASP4); Recombinant Caspase 4 (CASP4); CASP4/Caspase 4; ICE(rel)II; ICH2; TX; Protease ICH-2; CysteinyI Aspartate Specific Proteinases 4; Apoptosis-Related Cysteine Peptidase; CASP4 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300. Freeze-dried powder
Sequence	Asn78~Asn3 77
Applicable Applications for CASP4 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Human
Isoelectric Point	5.4
Tag	N-terminal His Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.
Subcellular Location	Membrane, Secreted, Mitochondrion, Cytoplasm, Endoplasmic reticulum lumen
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES



Sequence

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NID QISPNKKAHP NMEAGPPESG
ESTDALKLCP HEEFLRLCKE RAEIYPIKE RNNRTRLALI ICNTEFDHLP
PRNGADFDIT GMKELLEGLD YSVDVEENLT ARDMESALRA FATRPEHKSS
DSTFLVLM SH GILEGICGV HDEKPDVLL YDTIFQIFNN RNCLSLKDKP
KVIIVQACRG ANRGELWVRD SPASLEVASS QSENLEEDA VYKTHVEKDF
IAFCSSTPHN VSWRDSTMGS IFITQLITCF QKYSWCCHLE EVFRKVQQS F
ETPRAKAQMP TIERLSMTRY FYLFPGN

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SDS-PAGE
SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for CASP4 recombinant protein	Enzyme & Kinase; Apoptosis; Infection immunity; Prokaryotic Recombinant proteins/RP
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502577
NCBI GeneID	837
NCBI Accession #	NP_001216.1
NCBI GenBank Nucleotide #	NM_001225.3
UniProt Accession #	P49662; A2NHL8; A2NHMO
Molecular Weight	43,262 Da
NCBI Official Full Name	caspase-4 isoform alpha
NCBI Official Synonym Full Names	caspase 4, apoptosis-related cysteine peptidase
NCBI Official Symbol	CASP4
NCBI Official Synonym Symbols	TX; ICH-2; Mih1/TX; ICEREL-II; ICE(rel)II
NCBI Protein Information	caspase-4; CASP-4; ICE(rel)-II; protease TX; protease ICH-2; apoptotic cysteine protease Mih1/TX; caspase 4, apoptosis-related cysteine protease
UniProt Protein Name	Caspase-4
UniProt Gene Name	CASP4
UniProt Synonym Gene Names	ICH2; CASP-4
UniProt Entry Name	CASP4_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.

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Online datasheet: <https://stage.aaabiotech.com/casp4-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/152064>