

Caspase 1 (CASP1) Recombinant Protein | CASP1 recombinant protein

Recombinant Caspase 1 (CASP1)

CATALOG # AAA153454	HOST E coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Caspase 1 (CASP1); Recombinant Caspase 1 (CASP1); Caspase 1; CASP1 recombinant protein (prokaryotic); Human; ICE; IL1BC; IL1-BC; P45; Interleukin 1 Beta Converting Enzyme; Apoptosis-Related Cysteine Peptidase; Interleukin-1 beta convertase; CASP1 recombinant protein

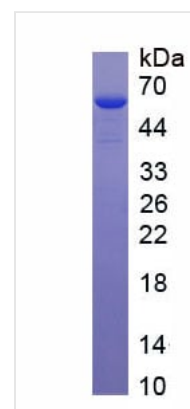
PRODUCT SPECIFICATIONS

Host	E coli
Purity/Purification	Greater than 95% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Asn120~His404
Applicable Applications for CASP1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Human
Tag	N-terminal His and GST
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	6.3
Subcellular Location	Membrane, Cytoplasm
Research Area	Signal transduction
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.

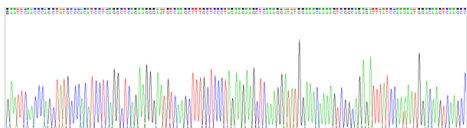
IMAGES

N PAMPTSSGSE GNVKLCSEEE AQRINWKQKSA
 EIYPIMDKSS RTRLALIICN EEFDSIPRRT GAEVDITGMT MLLQNLGYSV
 DVKKNLTAAD MTTELEAFAH RPEHKTSOST FLVFNHSHGIR EGICGKKHSE
 QVPDILQLNA IFNMLNTKNC PSLKDKPKVI IIQACRGDSP GVVWFKDSVG
 VSGNLSLPTT EEFEDDAIKK AHIEKDFIAF CSSTPDNVSW RHPTMGSVFI
 GRLEIHMQEV ACSCDVEEIF RKRVRFSFEQP DGRAQMPTTE RVTLTRCFYL
 FPGH

Amino Acid Info



SDS-PAGE
Figure. SDS-PAGE



Sequence
Figure . Gene Sequencing (extract)

ADDITIONAL INFORMATION

Product Categories/Family for CASP1 recombinant protein	Prokaryotic proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502573
NCBI GeneID	834
NCBI Accession #	NP_001214.1
NCBI GenBank Nucleotide #	NM_001223.4
UniProt Accession #	P29466; Q53EY6; Q6DMQ1; Q6GSS3; Q6PI75; Q9UCN3; B5MDZ1
Molecular Weight	45,159 Da
NCBI Official Full Name	caspase-1 isoform beta
NCBI Official Synonym Full Names	caspase 1, apoptosis-related cysteine peptidase
NCBI Official Symbol	CASP1
NCBI Official Synonym Symbols	ICE; P45; IL1BC
NCBI Protein Information	caspase-1; IL1B-convertase; CASP1 nirs variant 1; IL-1 beta-converting enzyme; interleukin 1, beta, convertase; interleukin 1-B converting enzyme; caspase 1, apoptosis-related cysteine peptidase (interleukin 1, beta, convertase)
UniProt Protein Name	Caspase-1
UniProt Gene Name	CASP1
UniProt Synonym Gene Names	IL1BC; IL1BCE; CASP-1; IL-1BC; ICE
UniProt Entry Name	CASP1_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/casp1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/153454>