

Caspase-5 Active Protein | CASP5 active protein

Caspase-5 (human), (recombinant)

CATALOG # AAA77045	HOST E Coli
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PRODUCT SYNONYMS

Caspase-5; Caspase-5 (human); (recombinant); ICH-3; Protease TY; ICErel-III; CASP5 active protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	≥80% (SDS-PAGE)
Form/Format	Liquid. In 50mM HEPES, pH7.4, 100mM NaCl, 0.5% CHAPS, 1mM EDTA, 10% glycerol, 10mM DTT
Concentration	100U/ul (varies by lot)
Specific Activity	One unit=1 pmol/min at 30 degree C using Ac-LEHD-pNA (200uM) as substrate
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Stability	The enzyme is stable on ice for the time typically required to set up an experiment (30-60 minutes). but may lose activity with prolonged storage on ice. It is recommended that thawing and dilution of the enzyme be done within as short a time as possible before start of assay. The remaining, unused, undiluted enzyme should be refrozen quickly by, for example, snap freezing in a dry/ice ethanol bath or liquid nitrogen. Freezing and storage of diluted enzyme is not recommended. Avoid repeated freeze/thaw cycles.
Handling	After initial defrost, aliquot product into individual tubes and refreeze by snap-freezing in dry ice ethanol bath or liquid nitrogen.Avoid repeated freeze/thaw cycles.
Preparation and Storage	For long term storage, store at -80°C Shipping: Shipped on Dry Ice

ADDITIONAL INFORMATION

Product Categories/Family for CASP5 active protein	Cellular Analysis; Cell Signaling; Proteostasis; Proteolysis & Protein Degradation
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NCBI AND UNIPROT INFORMATION

NCBI GI #	209870071
NCBI GeneID	838
NCBI Accession #	NP_001129581.1
NCBI GenBank Nucleotide #	NM_001136109.1
UniProt Accession #	P51878 ; Q0QVY7 ; Q0QVY8 ; Q0QVZ0 ; Q0QVZ1 ; Q0QVZ2 ; Q14DD6 ; Q1HBJ3 ; Q6DJV7 ; B4DKP5
Molecular Weight	22 + 10 kDa
NCBI Official Full Name	caspase-5 isoform b
NCBI Official Synonym Full Names	caspase 5, apoptosis-related cysteine peptidase
NCBI Official Symbol	CASP5

NCBI Official Synonym Symbols	ICH-3; ICEREL-III; ICE(rel)III
NCBI Protein Information	caspase-5; CASP-5; TY protease; protease TY; ICE(rel)-III; protease ICH-3; caspase 5, apoptosis-related cysteine protease
UniProt Protein Name	Caspase-5
UniProt Gene Name	CASP5
UniProt Synonym Gene Names	ICH3; CASP-5
UniProt Entry Name	CASP5_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://www.aaabiotech.com/e-coli-active-protein/caspase-5/77045>