

Caspase 3 (CASP3) Active Protein | CASP3 active protein

Active Caspase 3 (CASP3)

CATALOG # AAA153051	HOST E coli	APPLICATIONS Activity Assay, Cell Culture
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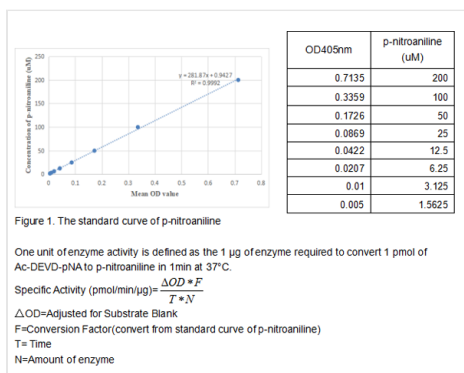
PRODUCT SYNONYMS

Caspase 3 (CASP3); Active Caspase 3 (CASP3); Caspase 3; CASP3 active protein (prokaryotic); Rat; CPP32; CPP32B; SCA1; Apoptain; Yama; Apoptosis-Related Cysteine Peptidase; CysteinyI Aspartate Specific Proteinases 3; SREBP cleavage activity 1; CASP3 active protein

PRODUCT SPECIFICATIONS

Host	E coli
Purity/Purification	Greater than 80% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Ser29~His277
Applicable Applications for CASP3 active protein	Activity Assay, Cell Culture
Expression System	Prokaryotic expression
Species	Rat
Tag	N-terminal His
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	6.6
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

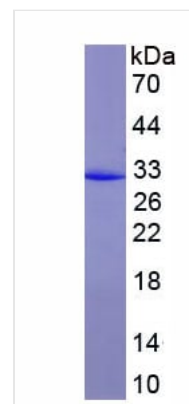


Bioactivity

Caspase 3 is a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes that undergo proteolytic processing at co

SDS-PAGE

Figure. SDS-PAGE



ADDITIONAL INFORMATION

Product Categories/Family for CASP3 active protein	Active proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6978605
NCBI GeneID	25402
NCBI Accession #	NP_037054.1
NCBI GenBank Nucleotide #	NM_012922.2
UniProt Accession #	P55213; P70543; P97699; Q62993
Molecular Weight	31,492 Da
NCBI Official Full Name	caspase-3
NCBI Official Synonym Full Names	caspase 3
NCBI Official Symbol	Casp3
NCBI Official Synonym Symbols	Lice; Yama; CPP32-beta
NCBI Protein Information	caspase-3
UniProt Protein Name	Caspase-3
UniProt Gene Name	Casp3
UniProt Synonym Gene Names	Cpp32; CASP-3; CPP-32; SCA-1

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-3-casp3/153051>