

Recombinant Human CASP3

Catalog No: #GP10059



Package Size: #GP10059-1 100ug

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Description

Product Name	Recombinant Human CASP3
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to N terminal 269 amino acids of human caspase 3, apoptosis-related cysteine peptidase
Target Name	caspase 3, apoptosis-related cysteine peptidase
Other Names	CPP32, SCA-1, CPP32B
Accession No.	Swissprot:P42574Gene Accession:BC016926
Uniprot	P42574
GenID	836;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes a protein which 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 which undergo proteolytic processing at conserved aspartic residues to produce two subunits, large and small, that dimerize to form the active enzyme. This protein cleaves and activates caspases 6, 7 and 9, and the protein itself is processed by caspases 8, 9 and 10. It is the predominant caspase involved in the cleavage of amyloid-beta 4A precursor protein, which is associated with neuronal death in Alzheimer's disease. Alternative splicing of this gene results in two transcript variants that encode the same protein.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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