



CASP6 blocking peptide (CDBP5245)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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 is processed by caspases 7, 8 and 10, and is thought to function as a downstream enzyme in the caspase activation cascade. Alternative splicing of this gene results in two transcript variants that encode different isoforms. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	CASP6 caspase 6, apoptosis-related cysteine peptidase [Homo sapiens (human)]
Official Symbol	CASP6
Synonyms	CASP6; caspase 6, apoptosis-related cysteine peptidase; MCH2; caspase-6; apoptotic protease MCH-2; caspase 6, apoptosis-related cysteine protease

Entrez Gene ID	839
mRNA Refseq	NM_001226
Protein Refseq	NP_001217
UniProt ID	P55212
Pathway	Apoptosis; Apoptosis Modulation and Signaling; Apoptosis Modulation by HSP70; Apoptotic cleavage of cellular proteins; Apoptotic execution phase; Breakdown of the nuclear lamina; C-MYB transcription factor network; Caspase cascade in apoptosis
Function	cysteine-type endopeptidase activity; cysteine-type endopeptidase activity; cysteine-type peptidase activity; identical protein binding; protein binding