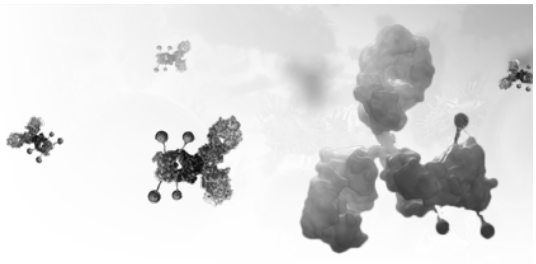

CASP5 blocking peptide (CDBP5256)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes 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. Overexpression of the active form of this enzyme induces apoptosis in fibroblasts. Max, a central component of the Myc/Max/Mad transcription regulation network important for cell growth, differentiation, and apoptosis, is cleaved by this protein; this process requires Fas-mediated dephosphorylation of Max. The expression of this gene is regulated by interferon-gamma and lipopolysaccharide. Alternatively spliced transcript variants have been identified for this gene. [provided by RefSeq, Aug 2010]
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	CASP5 caspase 5, apoptosis-related cysteine peptidase [Homo sapiens (human)]
Official Symbol	CASP5

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Synonyms	CASP5; caspase 5, apoptosis-related cysteine peptidase; ICH-3; ICEREL-III; ICE(rel)III; caspase-5; CASP-5; TY protease; protease TY; ICE(rel)-III; protease ICH-3; caspase 5, apoptosis-related cysteine protease
Entrez Gene ID	838
mRNA Refseq	NM_001136109
Protein Refseq	NP_001129581
UniProt ID	P51878
Pathway	NOD pathway; NOD-like receptor signaling pathway
Function	cysteine-type endopeptidase activity; cysteine-type peptidase activity

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