

# Recombinant Human CASP5

Catalog No: #GP12339



Package Size: #GP12339-1 100ug

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## Description

Product Name	Recombinant Human CASP5
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 235-434 amino acids of human CASP5
Target Name	caspase 5, apoptosis-related cysteine peptidase
Other Names	ICH-3; ICEREL-III; ICE(rel)III
Accession No.	Swissprot:P51878Gene Accession:BC113406
Uniprot	P51878
GeneID	838;
Storage	-20~-80°C, pH 7.6 PBS

## Background

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.

## 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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