

## CASP1 抗原（重组蛋白）

中文名称： CASP1 抗原（重组蛋白）

英文名称： CASP1 Antigen (Recombinant Protein)

别名： caspase 1, apoptosis-related cysteine peptidase; ICE, P45, IL1BC

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Full length fusion protein

技术规格

<b>Full name:</b>	caspase 1, apoptosis-related cysteine peptidase
<b>Synonyms:</b>	ICE, P45, IL1BC
<b>Swissprot:</b>	P29466
<b>Gene Accession:</b>	BC062327
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	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 2 subunits, large and small, that dimerize to form the active enzyme. This gene was identified by its ability to proteolytically cleave and activate the inactive precursor of interleukin-1, a cytokine involved in the processes such as inflammation, septic shock, and wound healing. This gene has been shown to induce cell apoptosis and may function in various developmental stages. St

udies of a similar gene in mouse suggest a role in the pathogenesis of Huntington disease. Alternative splicing results in transcript variants encoding distinct isoforms.