

IL1B 抗原（重组蛋白）

中文名称：IL1B 抗原（重组蛋白）

英文名称： IL1B Antigen (Recombinant Protein)

别名： IL-1; IL1F2; IL1-BETA

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 1-269 amino acids of human IL1B

技术规格

Full name:	interleukin 1 beta
Synonyms:	IL-1; IL1F2; IL1-BETA
Swissprot:	P01584
Gene Accession:	BC008678
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	The protein encoded by this gene is a member of the interleukin 1 cytokine family. This cytokine is produced by activated macrophages as a proprotein, which is proteolytically processed to its active form by caspase 1 (CASP1/ICE). This cytokine is an important mediator of the inflammatory response, and is involved in a variety of cellular activities, including cell proliferation, differentiation, and apoptosis. The induction of cyclooxygenase-2 (PTGS2/COX2) by this cytokine in the central nervous system (CNS) is found to contribute to inflammatory pain hypersensitivity. This gene and eight other interleukin 1 family genes form a cytokine gene cluster on chromosome 2.