

Recombinant Human IL1B

Catalog No: #GP10508



Package Size: #GP10508-1 100ug

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Description

Product Name	Recombinant Human IL1B
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 1-269 amino acids of human IL1B
Target Name	interleukin 1 beta
Other Names	IL-1; IL1F2; IL1-BETA
Accession No.	Swissprot:P01584Gene Accession:BC008678
Uniprot	P01584
GeneID	3553;
Storage	-20~-80°C, pH 7.6 PBS

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.

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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