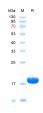


www.bioss.com.cn sales@bioss.com.cn techsupport@bioss.com.cn 400-901-9800

Recombinant human IL-1 beta protein, C-His

Catalog Number:	bs-42553P
Concentration:	>1mg/ml
Species:	Human
AA Seq:	117-269/269
Predicted MW:	18.7 kDa
Tags:	C-His
Endotoxin:	Not analyzed
Purity:	>90% as determined by SDS-PAGE
Purification:	AC
Form:	Liquid
Storage:	20mM Tris-Hcl (pH=8.0) with 150mM NaCL
	Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.
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. [provided by RefSeq, Jul 2008].

VALIDATION IMAGES



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.