

Product datasheet for **AR50016PU-N**

Interleukin-1 beta / IL-1B (118-269, His-tag) Mouse Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Interleukin-1 beta / IL-1B (118-269, His-tag) mouse recombinant protein, 0.5 mg
Species:	Mouse
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMVPI RQLHYRLRDE QQKSLVLSDP YELKALHLNG QNINQQVIFS MSFVQGEPSN DKIPVALGLK GKNLYLSCVM KDGTPTLQLE SVDPKQYPKK KMEKRFVFNK IEVKSKEFE SAEFPNWWYIS TSQAHEKPVF LGNNSGQDII DFTMESVSS
Tag:	His-tag
Predicted MW:	21 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris pH 8.0, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant mouse IL-1beta, fused to His tag, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_032387
Locus ID:	16176
UniProt ID:	P10749
Cytogenetics:	2 62.97 cM
Synonyms:	IL-; Il-1b; IL-1beta



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Summary:

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. The encoded protein plays a role in thymocyte proliferation and is involved in the inflammatory response. [provided by RefSeq, Aug 2015]

Product images: