

Recombinant Mouse Il1b Protein, His-tagged

Cat. No. Il1b-7238M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse IL-1beta, fused to His tag, was expressed in E. coli and purified by using conventional chromatography techniques.
Species	Mouse
Source	E.coli
ProteinLength	118-269
Description	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.
Form	Liquid
Molecular Mass	21 kDa
AA Sequence	MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSMVPIRQLHYRLRDEQQK SLVLSDPYELKALHLNGQNINQQVIFSMSFVQGEPNSNDKIPVALGLKGKNLYLSCVM KDGTPTLQLESVDPKQYPKKKMEKRFVFNKIEVKSKVEFESAEPNWWYISTSQAEHK PVFLGNNSGQDIIDFTMESVSS
Purity	> 90 % by SDS-PAGE

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Stability	Shelf life: one year from despatch.
Storage	Store undiluted at 2-8 centigrade for one week or (in aliquots) at -20 to -80 centigrade for longer. Avoid repeated freezing and thawing.
Concentration	1.0 mg/mL (determined by Bradford assay)
Storage Buffer	20 mM Tris pH 8.0, 10 % glycerol

GENE INFORMATION

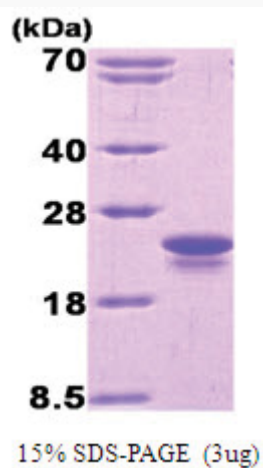
Gene Name	Il1b interleukin 1 beta [Mus musculus (house mouse)]
Official Symbol	Il1b
Synonyms	Il1b; interleukin 1 beta; IL-; Il-1b; IL-1beta; interleukin-1 beta; IL-1 beta
Gene ID	16176
mRNA Refseq	NM_008361
Protein Refseq	NP_032387
UniProt ID	P10749

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SDS-PAGE



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