

Recombinant Mouse Il1b Protein, MYC/DDK-tagged

Cat. No. Il1b-103M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse interleukin 1 beta (Il1b), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
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.
Molecular Mass	31.4 kDa
Purity	>80%, as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 ug/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Il1b interleukin 1 beta [Mus musculus (house mouse)]
Official Symbol	Il1b
Synonyms	Il1b; interleukin 1 beta; 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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