

Product datasheet for **TP720033**

IL1b (NM_008361) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of mouse Interleukin-1B/IL-1B
Species:	Mouse
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Val118-Ser269
Tag:	Tag Free
Predicted MW:	17.4 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Bioactivity:	ED50 is less than 0.01 ng/ml as determined by the dose-dependent stimulation of mouse D10S cells. Specific Activity of 1.0 x 10 ⁸ IU/mg.
Endotoxin:	< 0.1 EU per µg protein as determined by LAL test
Reconstitution Method:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH ₂ O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_032387
Locus ID:	16176
UniProt ID:	P10749
RefSeq Size:	1328
Cytogenetics:	2 62.97 cM
RefSeq ORF:	807
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: