

Product datasheet for **TP723211**

Il1b (NM_008361) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse interleukin 1 beta (Il1b).
Species:	Mouse
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MVPIRQLHYR LRDEQQKSLV LSDPYELKAL HLNGQNINQQ VIFSMSFVQG EPSNDKIPVA LGLKGKKNLYL SCVMKDGTP T LQLESVDPKQ YPKKKMEKRF VFNKIEVSK VEFESAEPFN WYISTSQAEH KPVLGNNSG QDIIDFTMES VSS
Tag:	Tag Free
Predicted MW:	17.5 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 μM filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Bioactivity:	The ED50 as determined by the dose-dependent stimulation of murine D10S cells is less than or equal to 0.002 ng/ml, corresponding to a specific activity of > 5 x 10 ⁸ units/mg.
Endotoxin:	Endotoxin level is < 0.1 ng/μg of protein (< 1 EU/μg)
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: