

RECOMBINANT MOUSE INTERLEUKIN-1 β

CATALOG NUMBER:	IL014
LOT NUMBER:	
QUANTITY:	10 μ g
DESCRIPTION:	Interleukin-1 β (IL-1 β) is a potent immuno-modulator that mediates a wide range of immune and inflammatory responses including the activation of B and T-cells. Mouse IL-1 β is a 17.5 kDa protein containing 153 amino acid residues.
SOURCE:	<i>E. coli</i>
PURITY:	Greater than 98% by SDS-PAGE and HPLC analysis. Endotoxin level is less than 0.1 ng per μ g (1EU/ μ g) of mouse IL-1 β .
ACTIVITY:	Chemicon's mouse IL-1 β is fully biologically active when compared to standards. The ED ₅₀ as determined by the dose-dependent stimulation of murine D10S cells is \leq 0.002 ng/mL corresponding to a specific activity of \geq 5 x 10 ⁸ units/mg.
PRESENTATION:	Lyophilized from 10 mM Sodium Citrate, pH 4.0.
STORAGE/HANDLING:	The lyophilized mouse IL-1 β , though stable at room temperature, is best stored at -20°C. After a quick spin, reconstitute in water to a concentration of 0.1-1.0mg/mL. This solution can be diluted into other buffered solutions and stored at 4°C for 1 week or -20°C for future use. Reconstituted mouse IL-1 β should be stored in undiluted aliquots at -20°C for up to six months.

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