



RECOMBINANT MOUSE INTERLEUKIN-1 β

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| 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 10mM 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. |

Important Note: *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 μ L or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

FOR RESEARCH USE ONLY; NOT FOR USE IN DIAGNOSTIC
PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION

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