

## RECOMBINANT MOUSE INTERLEUKIN-15

<b>CATALOG NUMBER:</b>	IL040
<b>LOT NUMBER:</b>	
<b>QUANTITY:</b>	10 µg
<b>DESCRIPTION:</b>	Interleukin-15 (IL-15) is a potent lymphoid cell growth factor that exerts its biological activities primarily on T cells. Recombinant Mouse IL-15 is a 13.3 kDa protein containing 115 amino acid residues.
<b>SOURCE:</b>	<i>E. Coli</i>
<b>PURITY:</b>	Greater than 98% by SDS-PAGE gel and HPLC analysis. Endotoxin level is less than 0.1 ng per µg (1EU/ug) of IL-15.
<b>ACTIVITY:</b>	The ED <sub>50</sub> was determined by the stimulation of the proliferation of mouse CTLL-2 cells is ≤ 5.0 ng/ml, corresponding to a specific activity of ≥ 2 x 10 <sup>5</sup> units/mg.
<b>PRESENTATION:</b>	The sterile filtered solution was lyophilized from 10 mM Sodium phosphate, pH 8.0.
<b>STORAGE/HANDLING:</b>	The lyophilized powder is stable for a few weeks at room temperature, but best stored at -20°C for up to 12 months after date of receipt. After a quick spin reconstitute in water to a concentration of 0.5-1.0 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use. Reconstituted mouse IL-15 should be stored in undiluted aliquots at -20°C for up to 6 months. Avoid repeated freeze/thaw cycles.

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