



Protein Specifications

RECOMBINANT MOUSE IL-2

<u>Catalog #</u>	<u>Size</u>
RPM-140	5µg
RPM-141	25µg
RPM-142	2 x 25µg
RPM-143	100µg
RPM-144	2 x 100µg
RPM-145	5 x 100µg
RPM-146	10 x 100µg

Physical Specifications

Source:	Yeast
Formulation:	Lyophilized, without carrier protein in 10% Trehalose
Reconstitution:	Reconstitute with sterile phosphate-buffered saline containing at least 0.1% carrier protein.
Molecular Weight:	17.2kDa (calculated)
Purity:	>98% (as visualized by SDS-PAGE analysis)
Purification:	Ion-exchange chromatography
Entrez Gene ID:	16183
Amino Acid Sequence:	APTSSSTSSS TAEAQQQQQQ QQQQQQHLEQ LLMDLQELLS RMENYRNLKL PRMLTFKFYL PKQATELKDL QCLEDELGPL RHVLDLTQSK SFQLEDAENF ISNIRVTVVK LKGSNTFEC QFDDESATVV DFLRRWIAFC QSIISTSPQ (149)

Amino Acid Homology:

Mus musculus (house mouse) IL-2 – 100%.

Stability and Storage

Stable for up to twelve months from date of receipt at -20°C. Stable for at least 3 months when stored in working aliquots with a carrier protein at -20°C. Avoid repeated freeze/thaw cycles.

Country of Origin

U.S.A.

Support

Generation of this material is based upon work supported by the Cooperative State Research, Extension, Education Services (CSREES), USDA under project #0206006 US Veterinary Immune Reagent Network (www.vetimm.org).

Warranty

Products are warranted by the manufacturer to meet stated product specifications, conforming to label descriptions when used, and handled and stored according to instructions. Unless otherwise stated, this warranty is limited to one year from date of sale. The manufacturer's sole liability for the product is limited to replacement of the product or refund of the original purchase price. The manufacturer's products are supplied for research applications only. They are not intended for medicinal, diagnostic, or therapeutic use. These products may not be resold, modified for resale, or used to manufacture commercial products without prior written approval from the manufacturer.

FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY

6/2/2023