

## 重组小鼠白介素11(IL-11)

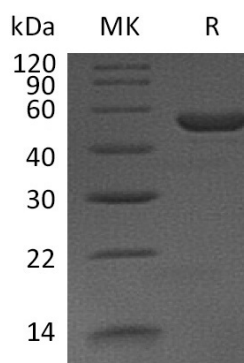
IL-11, Recombinant Mouse Interleukin-11(C-Fc)

Cat. No.: MA1392-1    Size: 10µg

<b>Source:</b>	Human Cells
<b>Description:</b>	Recombinant Mouse Interleukin-11 is produced by our Mammalian expression system and the target gene encoding Pro22-Leu199 is expressed with a human IgG1 Fc tag at the C-terminus.
<b>Accession:</b>	<a href="#">P47873</a>
<b>Known As:</b>	Interleukin-11; IL11; IL-11
<b>Predicted Mol Mass:</b>	46.3 KDa
<b>Apparent Mol Mass:</b>	50-60 KDa, reducing conditions
<b>Endotoxin:</b>	< 1 EU/µg as determined by LAL test.
<b>Formulation:</b>	Lyophilized from a 0.2 µm filtered solution of 10mM HAc-NaAc, 150mM NaCl, 0.004% Tween80, 5% Mannitol, pH 4.0.
<b>Reconstitution:</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
<b>Shipping:</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
<b>Storage:</b>	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
<b>Background:</b>	Interleukin-11(IL-11) is a secreted protein and belongs to the IL-6 superfamily. IL-11 has been demonstrated to improve platelet recovery after chemotherapy-induced thrombocytopenia, induce acute phase proteins, modulate antigen-antibody responses, participate in the regulation of bone cell proliferation and differentiation and could be used as a therapeutic for osteoporosis. IL-11 stimulates the growth of certain lymphocytes and, in the murine model, stimulates an increase in the cortical thickness and strength of long bones. In addition to having lymphopoietic/hematopoietic and osteotropic properties, it has functions in many other tissues, including the brain, gut, testis and bone.



## Purity-SDS-PAGE:



Greater than 95% as determined by reducing SDS-PAGE.

