

Product datasheet for **TP727268**

IL11 Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse Interleukin-11/IL-11 (C-Fc)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Pro22-Leu199
Tag:	C-Fc
Buffer:	Lyophilized from a 0.2 um filtered solution of 10mMHAc-NaAc,150mMNaCl,0.004Tween80,5%Mannitol,pH4.0.
Note:	Recombinant Mouse Interleukin-11 is produced by our Mammalian expression system and the target gene encoding Pro22-Leu199 is expressed with a Fc tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	16156
UniProt ID:	P47873
Summary:	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 osteotrophic properties, it has functions in many other tissues, including the brain, gut, testis and bone.



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