

Product datasheet for **TP725463**

IL11 Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse IL-11 (N-hFc)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Pro22-Leu199
Tag:	N-Fc-FLAG
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4
Note:	Recombinant Mouse IL-11 (N-Fc) is produced by our Mammalian expression system and the target gene encoding Pro22-Leu199 is expressed with a Fc tag at the N-terminus.
Stability:	12 months from date of despatch
Locus ID:	16156
UniProt ID:	P47873
Summary:	Mouse IL-11 is a pleiotropic cytokine that is a part of the IL-6 family and is secreted by osteoblasts, synoviocytes, fibroblasts, chondrocytes, intestinal myofibroblasts, trophoblasts, and other cell types. This cytokine is found in the plasma when inflammation occurs. The types of inflammation can be due to viral infection, cancer, or inflammatory arthritis however, Mouse IL-11 is primarily anti-inflammatory. Mouse IL-11 stimulates hematopoiesis and thrombopoiesis and regulates macrophage differentiation. When synergizing with other cytokines Mouse IL-11 can promote B cell IgG production, protect endothelial cells from oxidative stress, and regulate apoptosis.



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