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Datasheet for ABIN7320821 IL-11 Protein (Fc Tag)

1 Image

Overview

Quantity:	50 µg
Target:	IL-11 (IL11)
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL-11 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Mouse Interleukin-11/IL-11 Protein (Fc Tag)
Sequence:	Pro22-Leu199
Characteristics:	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.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	IL-11 (IL11)
Alternative Name:	Interleukin-11/IL-11 (IL11 Products)
Background:	Background: 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,

Target Details

participate in the regulation of bone cell proliferation and differentiation and could be use 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.

Synonym: Interleukin-11, IL11, IL-11

Molecular Weight: 46.3 kDa

UniProt: [P47873](#)

Pathways: [JAK-STAT Signaling](#), [Negative Regulation of Hormone Secretion](#)

Application Details

Restrictions: For Research Use only

Handling

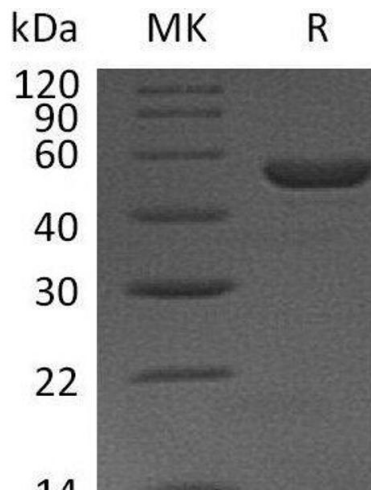
Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting

Image 1.