

Recombinant human IL-11 protein, N-His

Catalog Number: bs-42564P

Species: Human

AA Seq: 22-199/199

Predicted MW: 21.5 kDa

Tags: N-His

Endotoxin: Not analyzed

Purity: >90% as determined by SDS-PAGE

Purification: AC

Form: Liquid

Storage: 20mM Tris-HCl (pH=9.0) with 150mM NaCl

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: Interleukin 11 is a pleiotropic cytokine produced by mesenchymal-derived adherent cells. IL11 shares many functions of IL6 and LIF, including potentiation of megakaryocyte activity, enhancement of human myeloma cell proliferation, and enhancement of hepatic acute phase protein production. Interleukin 11 directly stimulates the proliferation of hematopoietic stem cells and megakaryocyte progenitor cells, and induces megakaryocyte maturation resulting in increased platelet production. Clinically it is used to prevent severe thrombocytopenia and the reduction of the need for platelet transfusion following myelosuppressive chemotherapy.

VALIDATION IMAGES



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.