



11 Park Drive, Suite 12
Boston, MA 02215

Human GMCSF/ IL-3 Fusion Protein (PIXY321)

ORDERING INFORMATION

Catalog No: rAP-0075;
Size: 2 µg; 10 µg
Storage: <- 20° C

Synonyms:

PIXY321, GMCSF/ IL3.

Introduction:

Synergism of IL3 together with GMCSF causes a rapid rise in neutrophils due to GMCSF and a slower rise in platelets due to IL3 which has strong stimulated effect on hematopoietic cells. The analog of GMCSF/IL3 is PIXY321. Results indicate that PIXY321 can stimulate multilineage hematopoiesis in vivo and enhance neutrophil and platelet recovery following chemotherapy and bone marrow transplantation (BMT). These results suggest that PIXY321 elicits the biological effects of both its component cytokines and represents a novel means of delivering two independent but interactive cytokines in combination. PIXY321 is purified by proprietary chromatographic techniques.

Description:

GMCSF/IL3 fusion protein Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain having a Mw of 30kD.

Source:

Escherichia Coli.

Physical Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Formulation:

The protein was lyophilized after extensive dialysis against 10mM PBS, pH= 7.4±0.1 and 0.1% BSA.

Solubility:

It is recommended to reconstitute the lyophilized PIXY321 in sterile 18MΩ-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized PIXY321 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution PIXY321 should be stored at 4°C between 2-7 days and for future use below -18°C.

Please prevent freeze-thaw cycles.

Purity:

Greater than 95.0% as determined by:
1. Analysis by RP-HPLC.
2. Analysis by SDS-PAGE.

Biological Activity:

The ED50 as determined by the dose-dependant stimulation of the proliferation of human TF-1 cells (human erythroleukemic indicator cell line) is < 0.2ng/ml, corresponding to a Specific Activity of 5 x10⁶ IU/mg.

Contact & Ordering Information: Angio-Proteomie, 11 Park Drive, Suite 12, Boston, MA 02215, USA. Fax: (480) 247-4337, angioproteomie@gmail.com



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Usage:

Angio-Proteomie's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

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