



GM-CSF+ IL-3 (PIXY321) Fusion Protein Datasheet

Catalog Number: PR27073

Product Type: Recombinant Protein

Source: *E.coli*

Description/Molecular Mass: GMCSF/IL3 fusion protein Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain having a Mw of 30kDa. PIXY321 is purified by proprietary chromatographic techniques.

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 5,000,000IU/mg.

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

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

Reconstitution: 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.

Storage: 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 avoid freeze-thaw cycles.

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