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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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GFR39

Recombinant Rat IL-3 β

Description

Interleukin-3 (IL-3) is a cytokine that is produced by activated T cells and mast cells. IL-3 induces the differentiation of hematopoietic stem cells into myeloid precursor cells, such as erythrocyte, megakaryocyte, granulocyte, monocyte, and dendritic cells. IL-3 also functions in the nervous system and is important during the B-1 cell regulation of chronic inflammatory diseases.

| | |
|-------------------------|---|
| Length | 144 aa |
| Molecular Weight | 16.3 kDa |
| Source | E. coli |
| Accession Number | P04823 |
| Purity | ≥95% determined by reducing and non-reducing SDS-PAGE |

Specifications

| | |
|----------------------------|--|
| Alternative Names | Interleukin-3, interleukin 3, IL3, IL 3 |
| Biological Activity | Rat IL-3 β is fully biologically active when compared to standard. The activity is determined by the proliferation of NFS-60 cells and it is typically less than 10 ng/ml. This corresponds to an expected specific activity higher than 1.0×10^4 units/mg. |
| Endotoxin Level | ≤1.00 EU/ μ g as measured by kinetic LAL |
| Formulation | Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA) |
| AA Sequence | MISDRGSDAH HLLRTLDCRT IALEILVKLP YPQVSLNNS DDKANLRNST LRRVNLDEFL KSQEEFDSQD TTDIKSKLQK LKCCIPAAAS DSVLPGVYNK DLDDFKKKLR FYVIHLKDLQ PVSVSRPPQP TSSSDNFRPM TVEC |

Preparation and Storage

| | |
|------------------------------|---|
| Reconstitution | Centrifuge vial before opening. When reconstituting the product, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution. It is recommended to reconstitute the lyophilized product with sterile water at 0.1 mg/ml, which can be further diluted into other aqueous solutions. |
| Stability and Storage | 12 months from date of receipt when stored at -20°C to -80°C as supplied. 1 month when stored at 4°C after reconstituting as directed. 3 months when stored at -20°C to -80°C after reconstituting as directed. |