

Catalog Number: HZ-1004

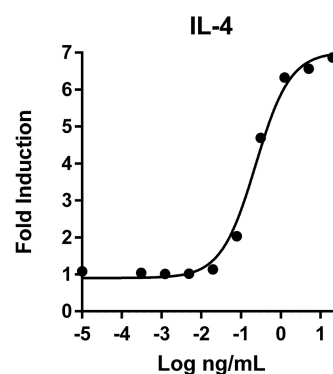
HEK293 expressed

Endotoxin-free

Animal-component free

Technical Specifications

Species	Human
Expression	HEK293
Activity	Typically ≤ 0.6 ng/mL EC50
Purity	>95%
Endotoxin	<1 EU/ μ g
Molecular Mass	14 and 19 kDa, monomer, glycosylated
Formulation	1x PBS, See Certificate of Analysis for details
Gene ID	3565



Reconstitution Buffer

Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein in sterile 1xPBS containing 0.1% endotoxin-free recombinant human serum albumin (HSA).

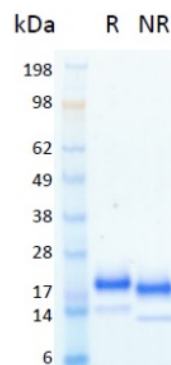
The activity was determined by the dose-dependent stimulation of the proliferation of human TF-1 cells (human erythroleukemic indicator cell line) using Promega CellTiter96[®] Aqueous Non-Radioactive Cell Proliferation Assay.

Stability and Storage

Lyophilized proteins are stable for 1 year from the date of receipt if stored between (-20°C) and (-80°C). Upon reconstitution we recommend that the solution can be stored at (4°C) for short term or at (-20°C) to (-80°C) for long term. Repeated freeze thaw cycles should be avoided with reconstituted products.

Product Description

Animal-free Recombinant Human IL-4 also known as B cell-stimulatory factor-1. IL-4 is a monomeric, approximately 13 kDa and 19 kDa Th2 cytokine which shows pleiotropic effects during immune responses. Our IL-4 is produced in a human cell expression system with serum-free and chemically defined media. It has demonstrated greater stability under cell culture conditions making it ideal for efficient generation of Human Dendritic Cells.



The protein was resolved by SDS- polyacrylamide gel electrophoresis and the gel was stained with Coomassie blue. R represents reducing conditions and NR represents non-reducing conditions.

Synonyms

BCGF, BCDF, B cell stimulating factor (BSF-1) BSF1, BSF 1

For technical support and original validation data for this product please contact:

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