

Interleukin-4

Catalog No: #AP78359

Package Size: #AP78359-1 50ug #AP78359-2 100ug #AP78359-3 1mg

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Description

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| Product Name | Interleukin-4 |
| Brief Description | Recombinant Protein |
| Host Species | E.coli |
| Purification | Greater than 90% by SDS-PAGE |
| Species Reactivity | Human |
| Immunogen Description | Recombinant protein |
| Other Names | B-cell stimulatory factor 1, Binetrakin, Lymphocyte stimulatory factor 1, Pitrakinra, BSF-1 |
| Accession No. | P05112 Gene name: IL4 |
| Uniprot | P05112 |
| GeneID | 3565; |
| Tag Info | His |
| Formulation | 50mM NaH ₂ PO ₄ , 500mM NaCl Buffer with 500mM Imidazole, 10% glycerol (PH8.0) |
| Storage | Store at -20C. (Avoid repeated freezing and thawing.) Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |

Background

Participates in at least several B-cell activation processes as well as of other cell types (PubMed:3016727). It is a costimulator of DNA-synthesis. It induces the expression of class II MHC molecules on resting B-cells. It enhances both secretion and cell surface expression of IgE and IgG1. It also regulates the expression of the low affinity Fc receptor for IgE (CD23) on both lymphocytes and monocytes. Positively regulates IL31RA expression in macrophages.

References

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Note: This product is for in vitro research use only