

Recombinant Human Interleukin-4

Catalog No: #AP72625



Package Size: #AP72625-1 20ug #AP72625-2 100ug #AP72625-3 1mg

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	Recombinant Human Interleukin-4
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:25-153aaSequence Info:Full Length
Other Names	B-cell stimulatory factor 1 ;BSF-1Binetrakin;Lymphocyte stimulatory factor 1;Pitrakinra
Accession No.	P05112
Uniprot	P05112
GeneID	3565;
Calculated MW	17 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	HKCDITLQEIITLNSL TEQKTLCTELTVTDIFAASKNTEKETFCRAATVLRQFYSHHEKDTRCLGATAQQFHR HKQLIRFLKRLDRNLWGLAGLNSCPVKEANQSTLENFLERLKTIMREKYSKCSS
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes: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. 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.

References

Isolation and characterization of a human interleukin cDNA clone, homologous to mouse B-cell stimulatory factor 1, that expresses B-cell- and T-cell-stimulating activities.Yokota T., Otsuka T., Mosmann T., Banchereau J., Defrance T., Blanchard D., de Vries J.E., Lee F., Arai K.Proc. Natl. Acad. Sci. U.S.A. 83:5894-5898(1986)Research Topic:Immunology

Note: This product is for in vitro research use only