IL-4 Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	IL-4, Recombinant Protein
Full Product Name	Human IL-4 Recombinant Protein Fc Tag Lyophilized
Product Gene Name	IL-4 recombinant protein
Product Synonym Gene Name	IL4
Host	CHO cells
Form/Format	This is a Lyophilized protein buffered in Lyophilized from 0.2um-filtered solution in PBS. Reconstitute in 100 andul sterile water. Add 1X PBS to the desired protein concentration
Purity/Purification	>98% (SDS-PAGE). Endotoxin level is less than 0.06EU/ug protein (LAL test; Lonza).
Preparation and Storage	Stable for at least 1 year after receipt when stored at -20 degree C. Working aliquots are stable for up to 3 months when stored at -20 degree C.
Species	Human
Tag	Fc
Related Product Information for IL-4 recombinant protein	Human IL-4 Recombinant Protein Fc Tag Lyophilized has been recombinantly produced in CHO cells. Interleukin-4 (IL-4) is a cytokine produced by type 2 helper T cells, the Th2 cells. These cells tends to make a specific set of lymphokines including IL-4, IL-5, IL-6, IL-10, IL-13, IL-3 and GM-CSF and fail to produce IL-2, IFN-gamma, and lymphotoxin (TNF-beta). In addition, mast cells can produce IL-4. IL-4 exerts numerous effects on various hematopoietic cell types. On B cells, IL-4 promotes immunoglobulin class switching to IgE and IgG1 isotypes and upregulates MHC class II and CD23 expression. IL-4 promotes survival, growth, and differentiation of both T and B lymphocytes, mast cells and endothelial cells. In addition, IL-4 inhibits the production of TNF, IL-1, and IL-6 by macrophages. This recombinant proteins is
Other Notes	Small volumes of IL-4 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for IL-4 purchase	MBS8432496 is a recombinant protein targeting IL-4. Also known as Human IL-4 Recombinant Protein Fc Tag Lyophilized. Host: CHO cells.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

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Online datasheet: https://www.mybiosource.com/recombinant-protein/il-4/8432496