IL-23 Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	IL-23, Recombinant Protein
Full Product Name	Human IL-23 Recombinant Protein C-6 His Tag Lyophilized
Product Gene Name	IL-23 recombinant protein
Product Synonym Gene Name	IL23A
Host	Human Cells
Form/Format	This is a Lyophilized protein buffered in Lyophilized from a 0.2um filtered solution of PBS pH7.4. It is not recommended to reconstitute to a concentration less than 100UG/ml. Dissolve the lyophilized protein in ddH2O
Purity/Purification	Greater than 95% as determined by reducing SDS-PAGE. Endotoxin level less than 0.1 ng/ug (1 IEU/ug) as determined by LAL test.
Preparation and Storage	Lyophilized protein should be stored at -20 degree C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7 degree C for 2-7 days. Aliquots of reconstituted samples are stable at -20 degree C for 3 months.
Species	Human
Tag	C-6 His
Related Product Information for IL-23 recombinant protein	Human IL-23 Recombinant Protein C-6 His Tag Lyophilized has been recombinantly produced in Human Cells. Interleukin 23 (IL-23) is a heterodimeric cytokine composed of two disulfide-linked subunits, a p19 subunit that is unique to IL-23, and a p40 subunit that is shared with IL-12. The p19 subunit has homology to the p35 subunit of IL-12, as well as to other single chain cytokines such as IL-6 and IL-11. The p40 subunit is homologous to the extracellular domains of the hematopoietic cytokine receptors. Although p19 is expressed by activated macrophages, dendritic cells, T cells, and endothelial cells, only activated macrophages and dendritic cells express p40 concurrently to produce IL-23. IL-23 has biological activities that are similar to, but distinct from IL-12. Both IL-12 and IL-23 induce proliferation and IFN-gamma production by human T cells. While IL-12 acts on both naive and memory human T cells, the effects of IL-23 is restricted to memory T cells. This recombinant protein can be used for biological assays.
Other Notes	Small volumes of IL-23 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-23 purchase	MBS8432426 is a recombinant protein targeting IL-23. Also known as Human IL-23 Recombinant Protein C-6 His Tag Lyophilized. Host: Human 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-23/8432426