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32-1498: IL 23 Recombinant Protein(Discontinued)

Alternative Name :	Interleukin 23 alpha subunit p19,Interleukin-12 subunit beta p40,SGRF,IL23P19,IL-23-A,interleukin-six,G-CSF related factor,JKA3 induced upon T-cell activation,interleukin 12B (natural killer cell stimulatory factor 2 cytotoxic lymphocyte matu

Description

Source : HEK. IL-23 Human Recombinant produced in HEK cells is a 55kDa heterodimeric protein composed of 2 disulfide-linked subunits - 19kDa (p19) and 43 kDa (p40). IL23 is composed of a subunit of the heterodimeric cytokine IL23 and the p40 subunit of interleukin 12 (IL12B). Interleukin-23 (IL-23) belongs to the IL-12 family and is produced by antigen presenting cells. IL-23 using IL12RB1 and IL-23R (specific for IL-23) can activate STAT and NF-kB pathways and stimulate the production of interferon-gamma.). IL-23 is known to take a vital part in the inflammation process and is associated with auto immune diseases. However, unlike IL12, which acts primarily on naive CD4(+) T cells, IL23 preferentially acts on memory CD4(+) T cells.

Product Info

Amount :	10 µg
Purification :	Greater than 95.0% as determined by analysis by SDS-PAGE.
Content :	IL-23 was lyophilized from a concentrated (480µg/ml) sterile solution containing 1x PBS.
Storage condition :	Lyophilized Interleukin-23 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL-23 should be stored at 4°C between 2-7 days and for future use below -18°C.Please prevent freeze-thaw cycles.

Application Note

It is recommended to reconstitute the lyophilized Interleukin-23 in sterile 18M-cm H2O not less than 100ÃÂµg/ml, which can then be further diluted to other aqueous solutions. The activity, as determined by the dose dependent secretion of h-IFN-g from human PBMC was found to be 2 to 20ng/ml ED50.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.