

32-20625: Recombinant Human IL-35(Discontinued)

Alternative Name : Interleukin-35

Description

Source:HEK293 cells

Interleukin-35 is a glycosylated, heterodimeric protein consisting of the p35 subunit from IL-12 (IL-12Alpha) and the Beta subunit from IL-27 (EBI3). IL-35 can be expressed by regulatory T-cells (Tregs), macrophages, and certain trophoblast and dendritic cells. It is induced in response to inflammation, and generally acts as an inflammation suppressor. IL-35 suppresses inflammation by exerting multiple activities, including the induction of regulatory T-cells and the suppression of Th17 cells. Recombinant Human IL-35 produced from HEK293 cells is a glycosylated protein, primarily heterodimeric, that migrates as a diffuse band centered at an apparent molecular weight of about 60 kDa by SDS-PAGE analysis under non-reducing conditions. Recombinant Human IL-35 expressed in HEK293 cells contains 406 amino acid residues and has a calculated molecular weight of 45.8 kDa.

Product Info

Amount : 2 µg / 10 µg

Purification : Purity:>= 90% by SDS-PAGE gel and HPLC analyses.

Content : This recombinant protein is supplied in lyophilized form.

Amino Acid : Alpha Subunit: RNLPVATPDP GMFPC LHHSQ NLLRAVSNML QKARQTLEFY PCTSEEIDHE DITKDKTSTV
EACLPLELTK NESCLNSRET SFITNGSCLA SRKTSFMMAL CLSSIYEDLK MYQVEFKTMN AKLLMDPKRQ
IFLDQNMLAV IDELMQALNF NSETVPQKSS LEEPDFYKTK IKLCILLHAF RIRAVTIDRV MSYLNAS Beta
Subunit: RKGPPAALTL PRVQCRASRY PIAVDCSWTL PPAPNSTSPV SFIATYRLGM AARGHSWPCL
QQTPTSTSCT ITDVQLFSMA PYVLNVTAVH PWGSSSSFVP FITEHIIKPD PPEGVRLSPL AERQLQVQWE
PPGSWPFPEI FSLKYWIRYK RQGAARFHRV GPIEATSFIL RAVRPRARYY VQVAAQDLTD YGELSDWSLP
ATATMSLGK

Application Note

Measured by its ability to inhibit proliferative activity of PBMCs.