

## 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 GMFPCLLHHSQ 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.