

## 32-20622: Recombinant Human IL-23(Discontinued)

**Reactivity :** Human, Mouse

**Alternative Name :** Interleukin-23

### Description

#### Source:(BTI-Tn-5B1-4) Hi-5 Insect cells

IL-23 is a proinflammatory, heterodimeric protein composed of two subunits: a unique p19 subunit, and a p40 subunit that is shared with IL-12. IL-23 is secreted by activated dendritic cells and macrophages, and signals through a receptor comprised of IL-23R complexed with IL-12RBeta 2. IL-23 has been shown to enhance proliferation of memory T cells. It also stimulates the production of IFN-Gamma in NK cells, induces IL-17 production, and drives Th17-mediated responses. Recombinant Human IL-23 is a 53.5 kDa, heterodimeric protein consisting of the two subunits, p19 (170 amino acids) and p40 (306 amino acids).

### Product Info

**Amount :** 2 µg / 10 µg

**Purification :** Purity:>= 95% by SDS-PAGE gel and HPLC analyses.

**Content :** This recombinant protein is supplied in lyophilized form.

**Amino Acid :** p19 Subunit: RAVPGGSSPA WTQCQQLSQK LCTLAWSAHP LVGHMDLREE GDEETTNDVP  
HIQCGDGDGP QGLRDNSQFC LQRIHQGLIF YEKLLGSDIF TGEPSLLPDS PVGQLHASLL GLSQLLQPEG  
HHWETQQIPS LSPSQPWQRL LLRFKILRSL QAFVAVAAARV FAHGAATLSP p40 Subunit: IWELKKDVYV  
VELDWYPDAP GEMVVLTCDT PEEDGITWTL DQSSEVLGSG KTLTIQVKEF GDAGQYTCHK GGEVLSHLL  
LLHKKEDGIW STDILKDQKE PKNKTFLRCE AKNYSGRFTC WWLTTISTDL TFSVKSSRGS SDPQGVTCGA  
ATLSAERVRG DNKEYEYSVE CQEDSACPAA EESLPIEMV DAVHKLKYEN YTSSFFIRDI IKPDPKLNQ  
LKPLKNSRQV EVSWEYPDTW STPHSYFSLT FCVQVQGKSK REKKDRVFTD KTSATVICRK NASISVRAQD  
RYSSSWSEW ASVPCS

### Application Note

Measured by its ability to induce IL-17 secretion by mouse splenocytes.