

## IL-12, Human CellExp™, human recombinant

<b>CATALOG #:</b>	6467-10	10 µg
	6467-50	50 µg
<b>ALTERNATE NAMES:</b>	NKSF, CTL maturation factor (TCMF), Cytotoxic lymphocyte maturation factor (CLMF), TSF, Edodekin-alpha, IL-12.	
<b>SOURCE:</b>	Human 293 Cell Expressed	
<b>PURITY:</b>	> 95% by SDS - PAGE	
<b>MOL. WEIGHT:</b>	57 kDa, heterodimer, glycosylated	
<b>ENDOTOXIN LEVEL:</b>	< 1.0 EU per 1 µg of protein	
<b>FORMULATION:</b>	Lyophilized from a PBS solution.	
<b>RECONSTITUTION:</b>	Reconstitute in sterile PBS containing 0.1% endotoxin-free recombinant human serum albumin.	
<b>STORAGE CONDITIONS:</b>	Aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.	

**ADVANTAGES:**

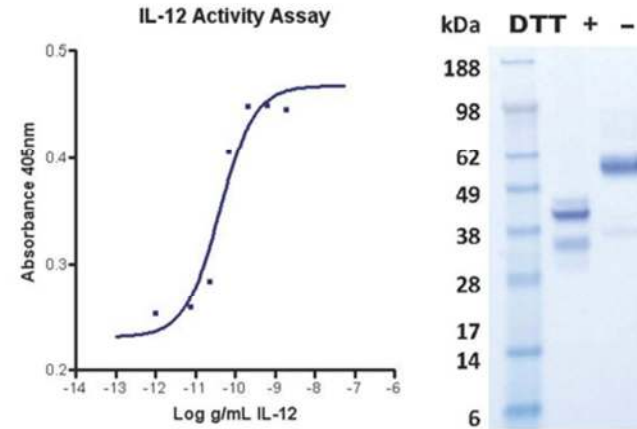
- Animal-derived product free
- High Activity
- Authentic Glycosylation

**DESCRIPTION:**

IL-12 is a potent regulator of cell mediated immune responses and in induces IFN- $\gamma$  production by NK and T cells. It is produced by activated monocytes/macrophage cells, B-lymphocytes, and connective tissue type mast cells. Among its biological activities, IL-12 promotes the growth and activity of activated NK, CD4+, and CD8+ cells and induce the development of IFN- $\gamma$  producing Th1 cells.

**BIOLOGICAL ACTIVITY:**

ED<sub>50</sub> is typically 0.1 to 0.5 ng/mL ng/mL. The specific activity was determined by the dose-dependent release of IFN-gamma from the human NK92 cell line in presence of 20 ng/mL rIL-2.



Human Cell<sup>exp</sup> Human Recombinant IL-12

**RELATED PRODUCTS:**

- IL-12, human recombinant (Cat # 4161-10, -100)
- IL-12, murine recombinant (Cat # 4119-10, -100)
- IL-12, rat recombinant (Cat # 4163-10, -100)
- IL-12p40, human recombinant (Cat # 4732-10, -50 -1000)
- IL-12 Antibody (Cat # 5162-200)
- IL-12p40 Antibody (Cat # 5732-100)

**FOR RESEARCH USE ONLY! Not to be used in humans.**