

IL-12, Human CellExp™, human recombinant

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

ADVANTAGES:

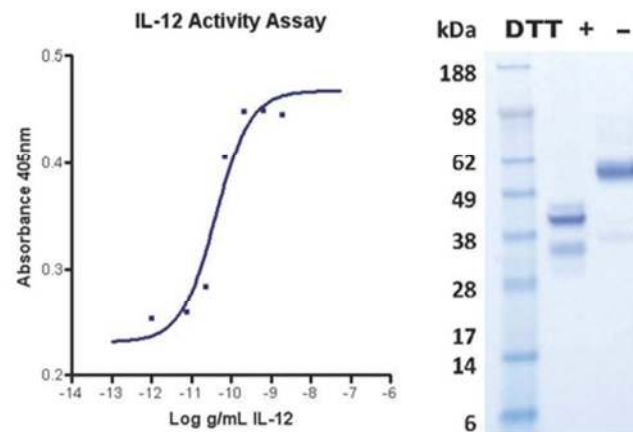
- Animal-derived product free
- High Activity
- Authentic Glycosylation

DESCRIPTION:

IL-12 is a potent regulator of cell mediated immune responses and in induces IFN-γ 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-γ producing Th1 cells.

BIOLOGICAL ACTIVITY:

ED₅₀ 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^{exp} 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.

