

## IL-3, Human CellExp™, human recombinant

<b>CATALOG #:</b>	6462-10	10 µg
	6462-50	50 µg
<b>ALTERNATE NAMES:</b>	MCGF (Mast cell growth factor), Multi-CSF, HCGF, P-cell stimulation factor, IL-3, MGC79398, MGC79399.	
<b>SOURCE:</b>	Human 293 Cell Expressed	
<b>PURITY:</b>	> 95% by SDS - PAGE	
<b>MOL. WEIGHT:</b>	17 to 45 kDa, monomer, 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:**

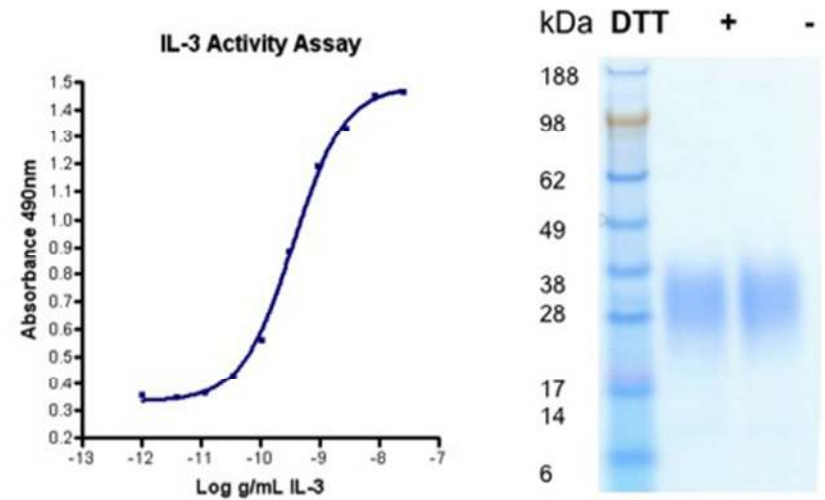
- Animal-derived product free
- High Activity
- Authentic Glycosylation

**DESCRIPTION:**

IL3 is a potent growth promoting cytokine. This cytokine is capable of supporting the proliferation of a broad range of hematopoietic cell types. It stimulates colony formation of megakaryocytes, neutrophils, and macrophages from bone marrow cultures. It is also involved in a variety of cell activities such as cell growth, differentiation and apoptosis. This cytokine has been shown to also possess neurotrophic activity, and it may be associated with neurologic disorders.

**BIOLOGICAL ACTIVITY:**

ED<sub>50</sub> is typically 0.5 to 2 ng/mL. The activity was determined by the dose dependent stimulation of the proliferation of human TF-1 cells (human erythroleukemic indicator cell line).



Human Cell<sup>exp</sup> Human Recombinant IL-3

**RELATED PRODUCTS:**

- IL-3, human recombinant (Cat # 4134-10, -50, -1000)
- IL-3, murine recombinant (Cat # 4135-10, -50, -1000)
- IL-3, rat recombinant (Cat # 4136-10, -1000)
- IL-3 Antibody (Cat # 5134-100)

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