

IL-3, Human CellExp™, human recombinant

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

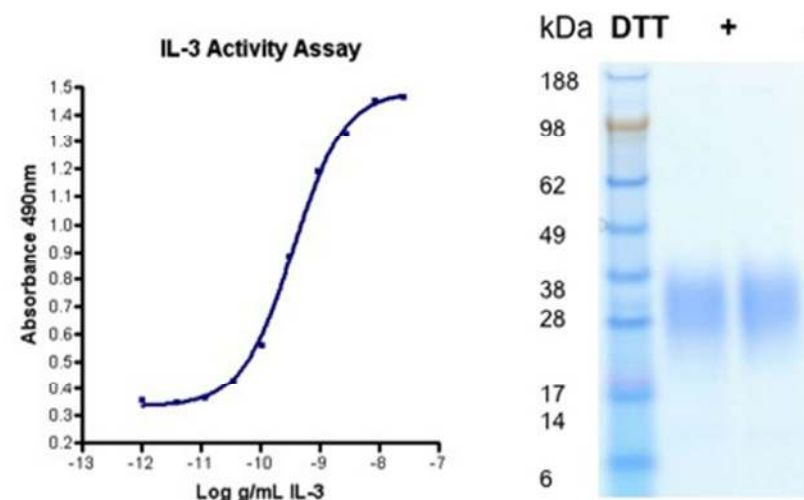
- Animal-derived product free
- High Activity
- Authentic Glycosylation

DESCRIPTION:

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:

ED₅₀ 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^{exp} 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.