



# Recombinant Dog Interleukin-3 (IL3)

<b>Product Code</b>	CSB-MP860200DO
<b>Abbreviation</b>	IL3
<b>Storage</b>	<p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.</p>
<b>Uniprot No.</b>	Q9BDX4
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Canis lupus familiaris (Dog) (Canis familiaris)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	RPFSTDL PKQYFTMINE IMEMLNKSPS PSEEPLDSNE KETLLEDTLL RPNLDVFLNA SSKFHKNGLL IWNNLKEFLP LLPTPTPRGE PISIMENNWG DFQRKLKKYL EALDNFLNFK NKP
<b>Source</b>	Mammalian cell
<b>Target Names</b>	IL3
<b>Protein Names</b>	Recommended name: Interleukin-3 Short name= IL-3 Alternative name(s): Hematopoietic growth factor Mast cell growth factor Short name= MCGF Multipotential colony-stimulating factor P-cell-stimulating factor
<b>Expression Region</b>	24-143
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	<p>This protein is a potent growth promoting cytokine. This cytokine is capable of supporting the proliferation of a broad range of hematopoietic cell types. It is 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.</p>
<b>Reconstitution</b>	<p>We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.</p>
<b>Shelf Life</b>	<p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.</p>