



Recombinant Bovine Interleukin-3 (IL3)

Product Code	CSB-EP011652BO-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P49875
Product Type	Recombinant Protein
Immunogen Species	Bos taurus (Bovine)
Purity	>85% (SDS-PAGE)
Sequence	APQ AKGLPVVTSR TPYSMLMKEI MDDLKKITPS PEGSLNSDEK NFLTKESLLQ ANLKVFMFTA TDTFGSDSKI MKNLKEFQPV LPTATPTEDP IFIENKNLGD FRMKLEEYLV IIRNYLKSKN IWFS
Source	E.coli
Target Names	IL3
Protein Names	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
Expression Region	18-144
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	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.
Reconstitution	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.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. 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.