



Recombinant Rat Interleukin-3 (IL3)

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| Product Code | CSB-BP011652RA |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | P04823 |
| Product Type | Recombinant Protein |
| Immunogen Species | Rattus norvegicus (Rat) |
| Purity | >85% (SDS-PAGE) |
| Sequence | SDR GSDAHLLRT LDCRTIALEI LVKLPVSGLN NSDDKANLRN STLRRVNLDE FLKSQEEFDS QDTTDIKSKL QKLKCCIPAA ASDSVLPGVY NKDLDDFKKK LRFYVIHLKD LQPVSVSRPP QPTSSSDNFR PMTVEC |
| Source | Baculovirus |
| 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 | 28-166 |
| 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. |