

Product Datasheet

Rat IL-3 beta protein (orb107744)

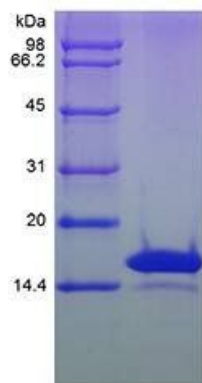
Catalog Number	orb107744
Description	Interleukin-3 (IL-3) is a hematopoietic growth factor that promotes the survival, differentiation and proliferation of committed progenitor cells of the megakaryocyte, granulocyte-macrophage, erythroid, eosinophil, basophil and mast cell lineages. Produced by T cells, mast cells and eosinophils, IL-3 enhances thrombopoiesis, phagocytosis, and antibody-mediated cellular cytotoxicity. Its ability to activate monocytes suggests that IL-3 may have additional immunoregulatory roles. Many of the IL-3 activities depend upon co-stimulation with other cytokines. IL-3 is species-specific, variably glycosylated cytokine.
Conjugation	Unconjugated
Tested Applications	HPLC, SDS-PAGE
Target	IL-3 beta
Preservatives	Lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH 7.4.
Storage	Store at 4°C for up to two weeks. For long term storage, aliquot and store at -20°C, avoid freeze/thaw cycles.
Note	For research use only
Protein Sequence	MISDRGSDAH HLLRTLDCRT IALEILVKLP YPQVSGLNNS DDKANLRNST LRRVNLDEFLKSQEEFDSQD TTDIKSKLQK LKCCIPAAAS DSVLPGVYNK DLDDFKKKLR FYVIHLKDLQPVS VSRPPQP TSSSDNFRPM TVEC
Purity	> 95% by SDS-PAGE and HPLC analyses
MW	16.3 kDa
Expiration Date	6 months from date of receipt.

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SDS-PAGE analysis of Rat IL-3 beta protein

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