

Mouse IL-1 beta (ELISA Standard) Recombinant Protein, eBioscience™

Product Details	
Size	4 pack
Species	Mouse
Expression system	E. coli
Amino acid sequence	Mouse IL-1 beta, amino acids Val118-Ser269 (Accession # P10749)
Molecular weight	17 kDa
Class	Recombinant
Type	Protein
Conjugate	Unconjugated
Form	Lyophilized
Purification	Affinity chromatography
Contains	no preservative
Storage conditions	4° C

Applications	Tested Dilution	Publications
ELISA (ELISA)	Assay-Dependent	-
Control (Ctrl)	Assay-Dependent	-
Miscellaneous PubMed (Misc)	-	1 Publication

Product Specific Information

Description: Mouse IL-1 beta, also called lymphocyte activating factor (LAF), endogenous pyrogen (EP), leucocyte endogenous mediator (LEM), mononuclear cell factor (MCF), is a ~17 kDa factor produced by a wide variety of cells, including macrophages, dendritic cells, T and B cells. IL-1 beta is mostly cell associated with 23% amino acid homology with IL-1 alpha. The immune regulatory role of IL-1 beta is exerted on a wide range of cells including lymphocytes, epithelial cells and fibroblasts. In vivo, it induces hypotension, fever, and acute phase response.

Applications Reported: Mouse IL-1 beta RSG ELISA Lyophilized Standard has been reported for use in the Mouse IL-1 beta ELISA RSG (cat. 88-7013).

Applications Tested: The intended use of the Mouse IL-1 beta RSG ELISA Lyophilized Standard is as a standard for Mouse IL-1 beta ELISA (cat. 88-7013). Typically the standard is run in a series of 7 doubling dilutions from the 'top' standard. Please refer to the Certificate of Analysis included with each ELISA set for instructions on the proper reconstitution and dilution of the lyophilized standard.

Note: These are single-use vials. Use one time within 4 hours of reconstitution and discard. Reconstitute and dilute as suggested in the Certificate of Analysis or recovery may not be accurate.

Source: E. coli expressed amino acids Val 118-Ser 269 of mouse IL-1 beta accession # P10749.

Miscellaneous PubMed (1)

Frontiers in cell and developmental biology

Geniposide Alleviates Oxidative Stress of Mice With Depression-Like Behaviors by Upregulating Six3os1.

Year
2020

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