

SA1008**Bovine Interleukin-1 beta / IL-1B - Purified****Alternate names:**

Catabolin, IL-1 beta, IL1 beta, IL1B, IL1F2

Quantity:

20 µg

Background:

Bovine Interleukin-1 beta (IL-1 beta) is expressed by a number of cell types including monocytes, macrophages and endothelial cells. This inflammatory cytokine has a wide range of effects, such as promoting T and B cell proliferation and inducing neutrophil chemotaxis. This protein has an ED50 in the range of 75-100 pg/ml, determined by measuring the effect of recombinant bovine IL-1 beta on the proliferation of murine D10.G4.1 cells.

Uniprot ID:[P09428](#)**NCBI:**[NP_776518.1](#)**GenelD:**[281251](#)**Species:**

Bovine

Source:

Pichia pastoris

Format:**State:** Lyophilised**Purity:** >95% >95% by SDS PAGE analysis**Buffer System:** PBS.

Further dilutions should be made in a buffer containing carrier protein.

Endotoxin Level: 0.1EU/µg**Reconstitution:** Restore with 0.5 ml distilled water.

Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. We recommend that the vial is gently mixed after reconstitution.

Applications:

Functional Assays.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Description:

Recombinant protein expressed in Pichia pastoris.

Molecular weight: 17.7 kDa 17.7kD**Storage:**

Prior to reconstitution store at 2-8°C.

Following reconstitution store the protein undiluted at -70°C.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.