

## Product datasheet for **TP727124**

### Cavia porcellus Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Cavia porcellus Interleukin-1 Beta/IL-1 beta (C-6His)
Species:	Cavia porcellus
Expression cDNA Clone or AA Sequence:	Thr115-Ser266
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mMPB, 150mMNaCl, pH7.4.
Note:	Recombinant Cavia porcellus Interleukin-1 Beta is produced by our E.coli expression system and the target gene encoding Thr115-Ser266 is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Summary:	Interleukin-1 beta (IL1B) belongs to the IL-1 family. Interleukin 1 (IL-1) is a family of polypeptide cytokines consisting of two agonists, IL-1 alpha (IL-1F1) and IL-1 beta (IL-1F2) encoded by two distinct genes and perform identical biological functions. IL-1 stimulates thymocyte proliferation by inducing IL-2 release, B-cell maturation and proliferation, and fibroblast growth factor activity. IL-1 proteins are involved in the inflammatory response. It is identified as endogenous pyrogens, and is reported to stimulate the release of prostaglandin and collagenase from synovial cells.



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