

Product datasheet for **TP728078**

IL1 alpha (IL1A) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Biotinylated Human IL-1a (C-Avi)
Species:	Human
Expression cDNA Clone or AA Sequence:	Ser113-Ala271
Tag:	C-Avi
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH7.4.
Note:	Biotinylated Recombinant Human Interleukin-1 alpha is produced by our E.coli expression system and the target gene encoding Ser113-Ala271 is expressed with a Avi tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	3552
UniProt ID:	P01583
Summary:	Interleukin-1 alpha (IL1 α) is a cytokine member of the interleukin-1 family. IL-1 consists of two distinct forms: IL1 α and IL1 β that recognize the same cell surface receptors but are distinct proteins with approximately 25% amino acid sequence identity. IL1 α is constitutively produced by epithelial cells and plays an essential role in maintenance of skin barrier function. Upon stimulation, a wide variety of cells including osteoblasts, monocytes, macrophages can be induced to express IL1 α . IL1 α possesses a wide range of metabolic, physiological, haematopoietic activities, and is critically involved in the regulation of the immune responses and inflammatory responses.



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