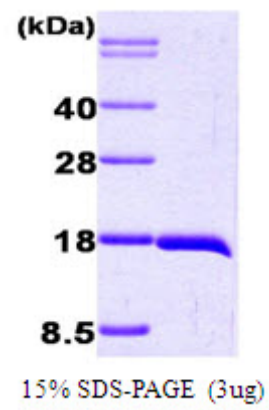


AR09047PU-N**Recombinant human Interleukin-1 beta (IL-1 beta) (aa 117-269)**

Alternate names:	Catabolin, IL-1 beta, IL1 beta, IL1B, IL1F2
Quantity:	0.1 mg
Concentration:	1.0 mg/ml
Background:	Interleukin-1 (IL-1) has been considered a potentially important inflammatory mediator. It is composed of two distinct proteins, called as IL-1 α and IL-1 β . IL-1 β is a proinflammatory cytokine produced in a variety of cells including monocytes, tissue macrophages, keratinocytes and other epithelial cells. Both IL-1 α and IL-1 β bind to the same receptor and they are structurally related polypeptides that share approximately 20% amino acid.
Uniprot ID:	P01584
NCBI:	NP_000567.1
GeneID:	3553
Species:	Human
Source:	E. coli
Format:	State: E. coli Purity: >95% \geq 95% by SDS PAGE Buffer System: PBS, pH 7.4
Description:	Recombinant human IL-1 β was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MAPVRSLNCT LRDSQQKSLV MSGPYELKAL HLQGQDMEQQ VVFSMSFVQG EESNDKIPVA LGLKEKNLYL SCVLKDDKPT LQLESVDPKN YPKKKMEKRF VFNKIEINNK LEFESAQFPN WYISTSQAEN MPVFLGGTKG QDITDFTMQ FVSS Molecular weight: kDa 17 kDa (154 aa)
Storage:	Store (in aliquots) at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Allan SM., et al. (2005), Nat. Rev. Immunol. 5:629. Michaud DS., et al. (2006), Cancer Res. Apr 15;66(8):4525-30.

Pictures:



Interleukin-1 beta: 15% SDS-PAGE (3 µg)

