



# Recombinant Human Interleukin-1 beta (IL1B)

<b>Product Code</b>	CSB-EP011614HU
<b>Relevance</b>	Produced by activated macrophages, 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, being identified as endogenous pyrogens, and are reported to stimulate the release of prostaglandin and collagenase from synovial cells.
<b>Abbreviation</b>	Recombinant Human IL1B protein
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P01584
<b>Alias</b>	Catabolin
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥ 90% as determined by SDS-PAGE.
<b>Sequence</b>	APVRSLNCTLRDSQQKSLVMSGPYELKALHLQGQDMEQQVVFMSMSFVQGEE SNDKIPVALGLKEKNLYLSCVLKDDKPTLQLESVDPKNYPKKKMEKRFVFNKIEI NNKLEFESAQFPNWWYISTSQAENMPVFLGGTKGGQDITDFTMQFVSS
<b>Research Area</b>	Immunology
<b>Source</b>	E.coli
<b>Target Names</b>	IL1B
<b>Protein Names</b>	Recommended name: Interleukin-1 beta Short name= IL-1 beta Alternative name(s): Catabolin
<b>Expression Region</b>	117-269aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-SUMO-tagged
<b>Mol. Weight</b>	33.4kDa
<b>Protein Length</b>	Full Length of Mature Protein
<b>Image</b>	

