

Recombinant Human Interleukin-1 beta(IL1B)

Catalog No: #AP76566



Package Size: #AP76566-1 20ug #AP76566-2 100ug #AP76566-3 1mg

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

| | |
|-----------------------|---|
| Product Name | Recombinant Human Interleukin-1 beta(IL1B) |
| Brief Description | Recombinant Protein |
| Host Species | E.coli |
| Purification | Greater than 90% as determined by SDS-PAGE. |
| Immunogen Description | Expression Region:117-269aaSequence Info:Full Length |
| Other Names | Catabolin |
| Accession No. | P01584 |
| Uniprot | P01584 |
| GeneID | 3553; |
| Calculated MW | 44.4 kDa |
| Tag Info | N-terminal GST-tagged |
| Target Sequence | APVRSLNCTLRDSQQKSLVMSGPYELKALHLQGQDMEQQVVFMSFVQGEESNDKIPVALGLKEKNLYLSCV LKDDKPTLQLESVDPKNYPKKKMEKRFVFNKIEINNKLFEESAQFPNWIYSTQAENMPVFLGGTKGGQDITDF TMQFVSS |
| Formulation | Tris-based buffer50% glycerol |
| Storage | 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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |

Background

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.

References

Nucleotide sequence of human monocyte interleukin 1 precursor cDNA.Auron P.E., Webb A.C., Rosenwasser L.J., Mucci S.F., Rich A., Wolff S.M., Dinarello C.A.Proc. Natl. Acad. Sci. U.S.A. 81:7907-7911(1984)Research Topic:Immunology

Note: This product is for in vitro research use only