

Recombinant sheep Interleukin-1 beta

Catalog No: #AP72621



Package Size: #AP72621-1 20ug #AP72621-2 100ug #AP72621-3 1mg

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Description

Product Name	Recombinant sheep Interleukin-1 beta
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:114-266aaSequence Info:Full Length
Accession No.	P21621
Uniprot	P21621
GeneID	443539;
Calculated MW	19.7 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	AAVQSVKCKLQDREQKSLVLDSPCVLKALHLPSEQEMSREVVFCMSFVQGEERDNKIPVALGIRDKNLYLSCVK KGDTPTLQLEEVDPKVYPKRNMEKRFVFKTEIKNTVEFESVLYPNWYISTSQIEEKPVFLGRFRGGQDITDFR METLSP
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 ovine interleukin-1 beta.Fiskerstrand C., Sargan D.Nucleic Acids Res. 18:7165-7165(1990)Research Topic:Others

Note: This product is for in vitro research use only