

## Recombinant sheep Interleukin-6

Catalog No: #AP72626

Package Size: #AP72626-1 20ug #AP72626-2 100ug #AP72626-3 1mg

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Recombinant sheep Interleukin-6
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:30-208aaSequence Info:Full Length
Accession No.	P29455
Uniprot	P29455
GeneID	443406;
Calculated MW	22.5 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	GPLGEDFKNDTTPSRLLLTTPKEALIKHIVDKISAIRKEICEKNDECENSKETLAENKLLPKMEEKDGCQFS GFNQAICLIKTAGLLEYQIYLDLQNEFEGNQETVMELQSSIRTLIQLKEKIAGLITTPATHDMLKMQSSNE WVKNKAVIIILRSLENFLQFSLRAIRMK
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

Cytokine with a wide variety of biological functions. It is a potent inducer of the acute phase response. Plays an essential role in the final differentiation of B-cells into Ig-secreting cells Involved in lymphocyte and monocyte differentiation. Acts on B-cells, T-cells, hepatocytes, hatopoietic progenitor cells and cells of the CNS. Required for the generation of T(H)17 cells. Also acts as a myokine. It is discharged into the bloodstream after muscle contraction and acts to increase the breakdown of fats and to improve insulin resistance. It induces myeloma and plasmacytoma growth and induces nerve cells differentiation .

## References

Molecular cloning and characterization of a ruminant interleukin-6 cDNA.Andrews A.E., Barcham G.J., Ashman K., Meeusen E.N.T., Brandon M.R., Nash A.D.Immunol. Cell Biol. 71:341-348(1993)Research Topic:Others

Note: This product is for in vitro research use only