

## Interleukin-6

Catalog No: #AP78364

Package Size: #AP78364-1 50ug #AP78364-2 100ug #AP78364-3 1mg

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## Description

Product Name	Interleukin-6
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Human
Immunogen Description	30-212aa
Other Names	IFNB2,B-cell stimulatory factor 2,CTL differentiation factor,Hybridoma growth factor,Interferon beta-2,BSF-2,CDF,IFN-beta-2
Accession No.	P05231Gene name:IL6
Uniprot	P05231
GeneID	3569;
Calculated MW	20.13
Tag Info	His
Formulation	50mM NaH <sub>2</sub> PO <sub>4</sub> , 500mM NaCl Buffer with 500mM Imidazole,10%glycerol(PH8.0)
Storage	Store at -20C. (Avoid repeated freezing and thawing.)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, hematopoietic 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

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Note: This product is for in vitro research use only