

Recombinant Human Interleukin-6(IL6)

Catalog No: #AP76567



Package Size: #AP76567-1 20ug #AP76567-2 100ug #AP76567-3 1mg

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	Recombinant Human Interleukin-6(IL6)
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:30-212aaSequence Info:Full Length
Other Names	B-cell stimulatory factor 2 ;BSF-2;CTL differentiation factor ;CDFHybridoma growth factorInterferon beta-2 ;IFN-beta-2
Accession No.	P05231
Uniprot	P05231
GeneID	3569;
Calculated MW	24.8 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	VPPGEDSKDVAAPHRQPLTSSERIDKQIRYILDGISALRKETCNKSNMCESSKEALAENNLNLPKMAEKDGC FQSGFNEETCLVKIITGLLEFEVYLEYLQNRFESEEQARAVQMSTKVLIQFLQKKAKNLDAITTPDPTNASLLT KLQAQNQWLQDMTTHLILRSFKEFLQSSLRALRQM
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

An IL6 promoter polymorphism is associated with a lifetime risk of development of Kaposi sarcoma in men infected with human immunodeficiency virus.Foster C.B., Lehrnbecher T., Samuels S., Stein S., Mol F., Metcalf J.A., Wyvill K., Steinberg S.M., Kovacs J., Blauvelt A., Yarchoan R., Chanock S.J.Blood 96:2562-2567(2000)Research Topic:Immunology

Note: This product is for in vitro research use only