

Recombinant Homo sapiens Interleukin-2

Catalog No: #AP72622



Package Size: #AP72622-1 20ug #AP72622-2 100ug #AP72622-3 1mg

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	Recombinant Homo sapiens Interleukin-2
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:21-153aaSequence Info:Full Length
Other Names	T-cell growth factor ;TCGFINN: Aldesleukin
Accession No.	P60568
Uniprot	P60568
GeneID	3558;
Calculated MW	17.4 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	APTSSTKKTQLQLEHLLLDLQMLNGINNYKNPKLTRMLTFKFMPPKATELKHLCLEEEELKPLEEVLNLAQS KNFHLRPRDLISNINIVIVLELKGSETTFMCEYADETATIVEFLNRWITFCQSIISTLT
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 T-cells in response to antigenic or mitogenic stimulation, this protein is required for T-cell proliferation and other activities crucial to regulation of the immune response. Can stimulate B-cells, monocytes, lymphokine-activated killer cells, natural killer cells, and glioma cells.

References

Cloning of interleukin 2 mRNAs from human tonsils.Maeda S., Nishino N., Obaru K., Mita S., Nomiya H., Shimada K., Fujimoto K., Teranishi T., Hirano T., Onoue K.Biochem. Biophys. Res. Commun. 115:1040-1047(1983)Research Topic:Immunology

Note: This product is for in vitro research use only