

Datasheet for ABIN6572890 **IL-2 Protein (C145S)**

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Overview

Quantity:	50 µg
Target:	IL-2 (IL2)
Protein Characteristics:	C145S
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Human Interleukin-2/IL-2(C145S)
Sequence:	MPTSSSTKKT QLQLEHLLLD LQMILNGINN YKNPKLTRML TFKFYMPKKA TELKHLQCLE EELKPLEEVL NLAQSKNFHL RPRDLISNIN VIVLELKGSE TTFMCEYADE TATIVEFLNR WITFSQSIIS TLT
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/ µg (1 IEU/ µg) as determined by LAL test

Target Details

Target:	IL-2 (IL2)
Alternative Name:	Interleukin-2/IL-2 (IL2 Products)
Molecular Weight:	15.5 kDa

Target Details

UniProt:	P60568
Pathways:	JAK-STAT Signaling , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response , Activated T Cell Proliferation

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 μg/mL. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Buffer:	Lyophilized from a 0.2 μ l/4m filtered solution of 10 mM Acetata-Na, 5 % Trehaiose, pH 4.5.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C
Storage Comment:	Lyophilized protein should be stored at < -20 °C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7 °C for 2-7 days. Aliquots of reconstituted samples are stable at < -20 °C for 3 months.