

Datasheet for ABIN6573532

IL-2 Protein (Mutant)

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Overview

Quantity:	50 µg
Target:	IL-2 (IL2)
Protein Characteristics:	Mutant
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Human Interleukin-2/IL-2 (Mutant)
Sequence:	APTSSSTKKT QLQLEHLLLD LQMILNGINN YKNPKLTRML TFKFYMPKKA TELKHLQCLE EELKPLEEVL NLAQSKNFHF DPRDVVSNN VVLELKGSE TTFMCEYADE TATIVEFLNR WITFCQSIIS TLTVDHHHHH H
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:	16.5 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 M filtered solution of PBS, pH 7.4.
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.