

Recombinant Human IL2 protein, For Organoid Culture

Cat. No. IL2-7635H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL2 protein(P60568.1)(Ala21-Thr153) was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ala21-Thr153
Tag	Non
Form	Lyophilized from sterile PBS, pH 7.4, 3% trehalose.
Bio-activity	The activity was determined by the dose-dependent stimulation of the proliferation of the mouse CTLL-2 cytotoxic T cells. The ED50 for this effect is 0.05-0.30 ng/mL.
Molecular Mass	15.5 kDa
Endotoxin	<0.10 EU/μg of the protein by the LAL method.
Purity	>90%, by SDS-PAGE under reducing conditions.
Storage	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below: To the date of expiration, -20°C to -80°C as supplied. 3 months, -20°C to -80°C under sterile conditions after reconstitution. 1

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month, 2 to 8 °C under sterile conditions after reconstitution. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name IL2 interleukin 2 [Homo sapiens]

Official Symbol IL2

Synonyms IL2; interleukin 2; interleukin-2; IL 2; T cell growth factor; TCGF; aldesleukin; involved in regulation of T-cell clonal expansion; IL-2; lymphokine;

Gene ID 3558

mRNA Refseq NM_000586

Protein Refseq NP_000577

MIM 147680

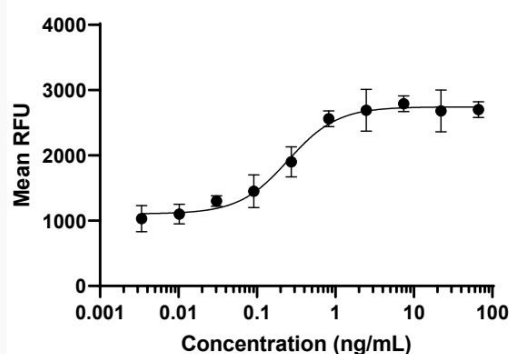
UniProt ID P60568

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Activity



SDS-PAGE

