

IL-2 Protein, Human (C145S)

Cat. No.:	HY-P70775
Synonyms:	Interleukin-2; IL-2; T-cell growth factor; TCGF; Aldesleukin
Species:	Human
Source:	E. coli
Accession:	P60568 (P22-T153)
Gene ID:	3558
Molecular Weight:	Approximately 14.0 kDa

PROPERTIES

AA Sequence	<pre> PTSSSTKKTQ LQLEHLLLDL QMILNGINNY KNPKLTRMLT FKFYMPKKAT ELKHLQCLEE ELKPLEEVLN LAQSKNFHLR PRDLISNINV IVLELKGSET TFMCEYADET ATIVEFLNRW ITFSQSIIST LT </pre>
Biological Activity	The cell proliferation assay using CTLL-2 mouse cytotoxic T cells has an ED50 value of 90-270 pg/mL.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of 10 mM Acetata-Na, 5% Trehaiose, pH 4.5 .
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

Caution: Product has not been fully validated for medical applications. For research use only.

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