

GMP IL-2 Protein, Human (Tag Free)

Cat. No.:	HY-P7037G
Synonyms:	Interleukin-2; IL-2; T-Cell Growth Factor; TCGF; Aldesleukin; IL2
Species:	Human
Source:	E. coli
Accession:	P60568 (A21-T153)
Gene ID:	3558
Molecular Weight:	14 KDa

PROPERTIES

Biological Activity	Measured in a cell proliferation assay using CTLL-2 mouse cytotoxic T cells. The specific activity of GMP Human IL-2 is $\geq 1.0 \times 10^7$ IU/mg, which is calibrated against human IL-2 WHO International Standard (NIBSC code: 86/500)
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μ m filtered solution of 10mM sodium citrate, pH 4.0.
Endotoxin Level	<0.01 EU/ μ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μ g/mL in injection water.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). 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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