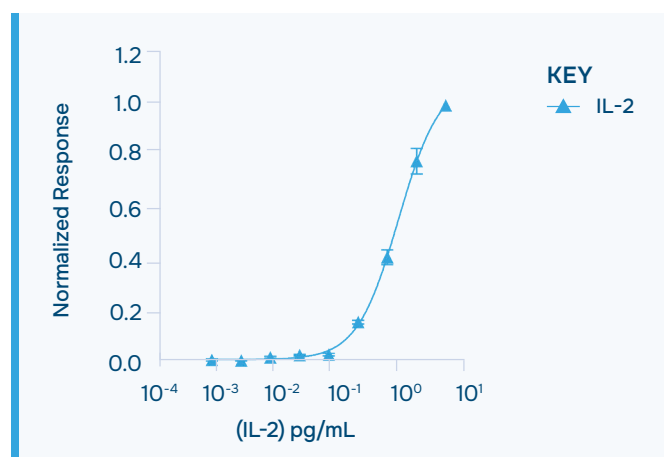


Recombinant Human IL-2 Protein

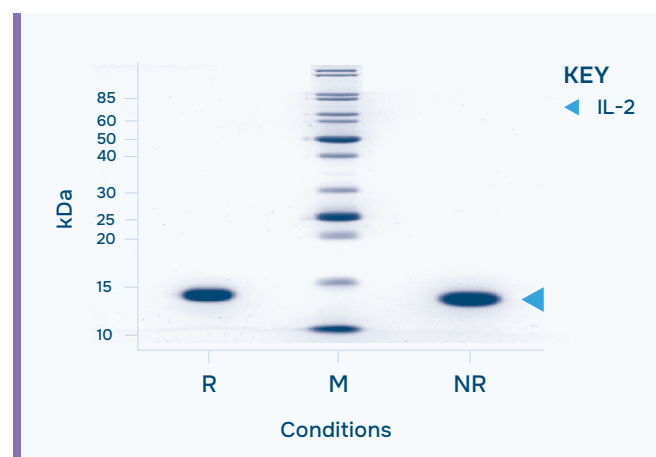
An innovative, high-quality cytokine enabling smarter cell and gene therapy



► Robust and reproducible bioactivity



► High purity, AOF, carrier-free



High purity human IL-2 protein (Uniprot: P60568)

- Animal origin-free (AOF) and carrier protein-free (CF)
- Manufactured under a certified ISO 9001:2015 Quality Management System
- 15.5 kDa
- >98%, by SDS-PAGE quantitative densitometry
- Lyophilized from acetonitrile, TFA
- Resuspend in sterile-filtered water at >50 µg/mL, add carrier protein if desired, prepare single use aliquots and store frozen at -20°C (short-term) or -80°C (long-term).

Human Interleukin-2 (IL-2) is a key cytokine which regulates immune responses by driving T-cell and NK cell proliferation and differentiation. In a dose- and context-dependent manner, IL-2 enhances effector function while supporting regulatory T-cell (Treg) maintenance, enabling balanced immune activation and control.

The IL-2 manufacturing process has been optimized to produce a highly bioactive protein with excellent lot-to-lot consistency for enhanced experimental reproducibility. BioLife Solutions IL-2 is a highly pure 15.5 kDa monomer that is AOF certified and CF.

Research Use

Qk089-0050	50 µg
Qk089-0100	100 µg
Qk089-0500	500 µg

For GMP Manufacturing

Qk089-CTG-0500	500 µg
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Please contact your
BioLife Solutions sales
representative for
more information

