

Recombinant human IL2 protein

Catalog#:P05721 Derived from E.coli

DESCRIPTION	Recombinant Human IL2 protein is produced by our E.coli expression system with His tag. Uniprot: P60568 Gene ID: 3558
Size	18 kDa
FORMULATION	Lyophilized from a 0.2 µm filtered solution of Tris-HCl, PH 8.0.
SHIPPING	The product is shipped at -20°C temperature. Upon receipt, store it immediately at the temperature listed below.
STORAGE	Reconstituted protein solution can be stored at 4-7°C for 2-3 months, stable at < -20°C for 1-2 years.
RECONSTITUTION	Reconstituted protein solution can be diluted with distilled PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
QUALITY CONTROL	(Liquid)Concentration: 1 mg/mL as determined by BCA. Purity: 85% as determined by reducing SDS-PAGE.
AMINOACID	Recombinant protein is produced by our E.coli expression system and the target gene encoding 1-152aa is expressed with a 6*His tag at the N-terminus.
BACKGROUND	The protein encoded by this gene is a secreted cytokine that is important for the proliferation of T and B lymphocytes. The receptor of this cytokine is a heterotrimeric protein complex whose gamma chain is also shared by interleukin 4 (IL4) and interleukin 7 (IL7). The expression of this gene in mature thymocytes is monoallelic, which represents an unusual regulatory mode for controlling the precise expression of a single gene. The targeted disruption of a similar gene in mice leads to ulcerative colitis-like disease, which suggests an essential role of this gene in the immune response to antigenic stimuli.

