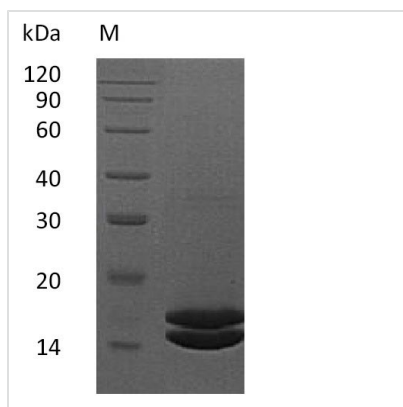




Recombinant Human Interleukin-2 (IL2) (Active)

Product Code	CSB-AP004501HU
Abbreviation	Recombinant Human IL2 protein (Active)
Uniprot No.	P60568
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 μm filtered 10mM Sodium Citrate, 4% Mannitol, pH4.0
Product Type	Interleukin
Immunogen Species	Homo sapiens (Human)
Biological Activity	The specific activity of recombinant Human IL-2 as measured in a cell proliferation assay using CTLL-2 mouse cytotoxic T cells is $\geq 1 \times 10^7$ IU/mg.
Purity	$\geq 95\%$ as determined by SDS-PAGE.
Sequence	APTSSSTKKTQLQLEHLLLDLQMLNGINNYKNPKLTRMLTFKFYMPKKATELK HLQCLEEELKPLEEVNLAQSKNFHLRPRDLISNINVIVLELKGSETTFMCEYAD ETATIVEFLNRWITFCQSIISTLT
Research Area	Immunology
Source	Mammalian cell
Target Names	IL2
Expression Region	21-153aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal 6xHis-tagged
Mol. Weight	16.4 kDa
Protein Length	Full Length of Mature Protein

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Endotoxin	Less than 0.01 EU/μg as determined by LAL method.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the



contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.