

Product Datasheet

Human IL2 protein (orb594792)

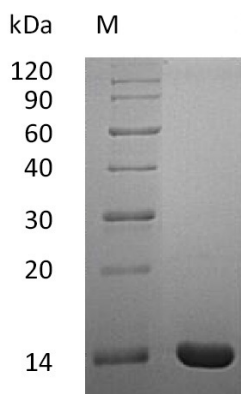
| | |
|-----------------------------|---|
| Description | Recombinant Human Interleukin-2(IL2) (Active) |
| Endotoxins | Less than 1.0 EU/μg as determined by LAL method. |
| Preservatives | Lyophilized from a 0.2 μm filtered 10 mM sodium citrate, pH 4.0 |
| Form/Appearance | Lyophilized powder |
| Storage | 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. |
| Tag | Tag-Free |
| Note | For research use only |
| Application notes | Full Length of Mature Protein |
| Protein Sequence | APTSSSTKKTQLQLEHLLLDLQMLNGINNYKNPKLTRMLTFKFYMPKKATELKHLQCLEEEEL KPLEEVLNLAQSKNFHLRPRDLISNINVIVLELKGSETTFMCEYADETATIVEFLNRWITFCQSI ISTLT |
| Biologically Active? | Yes |
| 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 | Greater than 95% as determined by SDS-PAGE. |
| Source | E.coli |
| MW | 15.5 kDa |
| Uniprot ID | P60568 |
| Expiration Date | 6 months from date of receipt. |

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

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