

Product Datasheet

Recombinant Human Interleukin-2 (IL2) (Active) (orb2657895)

Catalog Number	orb2657895
Category	Proteins
Description	This Recombinant Human Interleukin-2 (IL2) (Active) spans the amino acid sequence from region 21-153aa. Purity: Greater than 95% as determined by SDS-PAGE.
Tag	Tag free
Form/Appearance	Lyophilized powder
Buffer/Preservatives	Lyophilized from a 0.2 µm filtered solution containing PBS, 5% mannitol and 0.01% Tween 80, pH 7.4
Purity	Greater than 95% as determined by SDS-PAGE.
Protein Sequence	APTSSTKKTQLQLEHLLLDLQMLNGINNYKNPKLTRMLTFKFYMPKKATELKHLQCLEEEEL KPLEEVLNLAQSKNFHLRPRDLISNINVIVLELKGSETTFMCEYADETATIVEFLNRWITFCQSI ISTLT
Protein Length	Full Length of Mature Protein
UniProt ID	P60568
MW	15.4 kDa
Application notes	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.

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713-2847
United States

Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Endotoxins	≤1 EU/mg by the LAL method
Source	Mammalian cell
Biological Origin	Homo sapiens (Human)
Biological Activity	Recombinant Human IL-2 stimulates proliferation of CTLL-2 cells. The specific activity is $\geq 1 \times 10^7$ IU/mg.
Expression Region	21-153aa
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.
Note	For research use only
Expiration Date	6 months from date of receipt.

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713-2847
United States

Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)