

## Product Datasheet

### Mouse Il10 protein (orb594838)

<b>Catalog Number</b>	orb594838
<b>Category</b>	Proteins
<b>Description</b>	This Mouse Il10 protein spans the amino acid sequence from region 19-178aa. Purity: Greater than 95% as determined by SDS-PAGE.
<b>Tag</b>	Tag-Free
<b>Form/Appearance</b>	Lyophilized powder
<b>Buffer/Preservatives</b>	Lyophilized from a 0.2 µm filtered 1xPBS, pH 7.4
<b>Purity</b>	Greater than 95% as determined by SDS-PAGE.
<b>Protein Sequence</b>	SRGQYSREDNNCTHFPVQGSHMLLELRTAFSQVKTFQTKDQLDNILLTDSLMOQDFKGYLG CQALSEMIQFYLVVEVMPQAEKHGPEIKEHLNSLGEKLTLMRLRRCHRFLPCENKSKAVEQ VKSDFNKLQDQGVYKAMNEFDIFINCIEAYMMIKMKS
<b>Protein Length</b>	Full Length of Mature Protein
<b>UniProt ID</b>	<b>P18893</b>
<b>MW</b>	18.9 kDa
<b>Application notes</b>	Full Length of Mature Protein
<b>Endotoxins</b>	Less than 1.0 EU/µg as determined by LAL method.
<b>Source</b>	E.coli
<b>Biological Origin</b>	Mus musculus (Mouse)
<b>Biological Activity</b>	The ED50 as determined in a cell proliferation assay using FDC-P1 Mouse bone marrow cells is 6 ng/ml.

**Biorbyt Ltd.**

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

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto: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  
United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

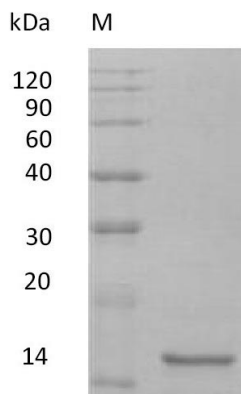
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

**Expression Region** 19-178aa

**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.



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

**Biorbyt Ltd.**

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

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto: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  
United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)