

## Product Datasheet

### Human PREP Protein (orb1477348)

<b>Catalog Number</b>	orb1477348
<b>Category</b>	Proteins
<b>Description</b>	This Human PREP Protein spans the amino acid sequence from region 2-710aa. Purity: Greater than 85% as determined by SDS-PAGE.
<b>Tag</b>	N-terminal 10xHis-tagged and C-terminal Myc-tagged
<b>Form/Appearance</b>	Liquid or Lyophilized powder
<b>Buffer/Preservatives</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Protein Sequence</b>	LSLQYPDVYRDETAVQDYHGHKICDPYAWLEDPDSEQTKAFVEAQNKITVPFLEQCPIRGLY KERMTELYDYPKYSCHFKKGKRYFYFYNTGLQNQRVLYVQDSLEGARVFLDPNILSDDGT VALRGYAFSEEDGEYFAYGLSASGSDWVTIKFMKVDGAKELPDVLERVKFSCMAWTHDGKG MFYNSYPQQDGKSDGTETSTNLHQKLYYHVLGTDQSEDILCAEFPDEPKWMGGAELSDDG RYVLLSIREGCDPVNRLWYCDLQEQESSGIAGILKWKVLIIDNFEGEYDYVTNEGTVFTFKTNR QSPNYRVINIDFRDPEESKWKVLVPEHEKDVLEWIACVRSNFLVLCYLHDVKNILQLHDLTT GALLKTFPLDVGSIVGYSGQKDDTEIFYQFTSFLSPGIYHCDLTKEELEPRVFREVTVKGIDA SDYQTVQIFYPSKDGTKIPMFIVHKKGIKLDGSHPAFLYGYGGFNISITPNYSVSRLLIFVRHMG GILAVANIRGGGEYGETWHKGGILANKQNCDFDFQCAAELYKEGYTSPKRLTINGGSGNGL LVAACANQRPDLFGCVIAQVGVMDMLKFHKYTIGHAWTTDYGCSDSKQHFEWLKYSPLH NVKLPEADDIQYPSMLLLTADHDDRVPVPLHSLKFIATLQYIVGRSRKQSNPLLIHVDTKAGH GAGKPTAKVIEEVSDMFAFIARCLNVDWIP
<b>Protein Length</b>	Partial
<b>UniProt ID</b>	<b>P48147</b>
<b>MW</b>	88.0 kDa

#### 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)

**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.

**Source**

E.coli

**Biological Origin**

Homo sapiens (Human)

**Expression Region**

2-710aa

**Storage**

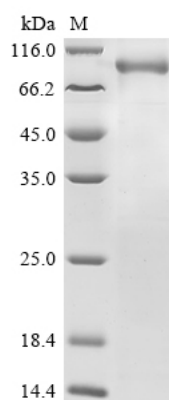
The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.

**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)