

## Product Datasheet

### Human IL36G protein (Active) (orb358995)

|                             |   |
|-----------------------------|---|
| <b>Description</b>          | Recombinant human IL36G active protein  |
| <b>Endotoxins</b>           | Less than 1.0 EU/μg as determined by LAL method.  |
| <b>Preservatives</b>        | Lyophilized from a 0.2 μm filtered PBS, pH 7.4  |
| <b>Form/Appearance</b>      | Lyophilized powder  |
| <b>Storage</b>              | 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.   |
| <b>Tag</b>                  | Tag-Free  |
| <b>Note</b>                 | For research use only   |
| <b>Application notes</b>    | 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. |
| <b>Protein Sequence</b>     | SMCKPITGTINDLNQQVWTLQGQNLVAVPRSDSVTPVTVAVITCKYPEALEQGRGDPIYLGIQNPEMCLYCEKVGEPQLQLKEQKIMDLYGQPEPVKPFIFYRAKTGRTSTLESVAFPDWFIASSKRDQPIILTSELGKSYNTAFELNIND   |
| <b>Biologically Active?</b> | Yes   |
| <b>Biological Activity</b>  | Fully biologically active when compared to standard. The ED50 as determined by its ability to induce IL-8 secretion by human preadipocytes is less than 10 ng/ml, corresponding to a specific activity of $\square 1 \times 10^5$ IU/mg.  |
| <b>Purity</b>               | > 95% as determined by SDS-PAGE and HPLC.   |
| <b>Source</b>               | E.Coli  |

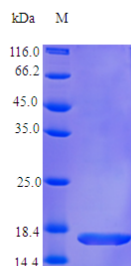
**Biorbyt Ltd.**

7 Signet Court, Swann's 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 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

**Biorbyt LLC.**

68 TW Alexander Drive,  
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)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

|                        |                                |
|------------------------|--------------------------------|
| <b>MW</b>              | 17.0 kDa                       |
| <b>Uniprot ID</b>      | <b>Q9NZH8</b>                  |
| <b>Expiration Date</b> | 6 months from date of receipt. |

**Biorbyt Ltd.**

7 Signet Court, Swann's 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 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

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Durham, NC, 27713, United States  
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Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)