

Datasheet for ABIN7545387  
**ZGLP1 Protein (AA 1-271) (His tag)**



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## Overview

|                               |  |
|-------------------------------|--|
| Quantity:                     | 1 mg   |
| Target:                       | ZGLP1  |
| Protein Characteristics:      | AA 1-271                                     |
| Origin:                       | Human  |
| Source:                       | HEK-293 Cells                                |
| Protein Type:                 | Recombinant                                  |
| Purification tag / Conjugate: | This ZGLP1 protein is labelled with His tag. |

## Product Details

|                  |  |
|------------------|--|
| Purpose:         | Custom-made recombinant ZGLP1 Protein expressed in mammalian cells.  |
| Sequence:        | <p>MTEPQVGCVA CPRVHKEPAQ VGTPWPAKPR SHPRKRDPTA LLPRSLWPAC QESVTALCFL<br/> QETVERLGQS PAQDTPVLGP CWDPMALGTQ GRLLLDLDRDSK DTQTRISQKG RRLQPPGTPS<br/> APPQRRPRKQ LNPCRGTERTV DPGFEGVTLK FQIKPDSSLQ IIPYSLPCS SRSQESPADA<br/> VGGPAAHPGG TEAHSAGSEA LEPRRCASCR TQRTPLWRDA EDGTPLCNAC GIRYKKYGTR<br/> CSSCWLVPKRV NVQPKRLCGR CGVSLDPIQE G <b>Sequence without tag. The proposed</b><br/> <b>Purification-Tag is based on experiences with the expression system, a different complexity</b><br/> <b>of the protein could make another tag necessary. In case you have a special request, please</b><br/> <b>contact us.</b></p> |
| Specificity:     | If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.  |
| Characteristics: | Key Benefits:  |

## Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

|         |   |
|---------|---|
| Purity: | > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC) |
| Grade:  | custom-made   |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | ZGLP1   |
| Alternative Name: | ZGLP1 ( <a href="#">ZGLP1 Products</a> )  |
| Background:       | <p>GATA-type zinc finger protein 1 (GATA-like protein 1) (GLP-1),FUNCTION: Transcriptional regulator that plays a key role in germ cell development. Determines the oogenic fate by activating key genes for the oogenic program and meiotic prophase entry. Acts downstream of bone morphogenetic protein (BMP) by regulating expression of genes required for the oogenic programs, which are repressed by Polycomb activities in sexually uncommitted germ cells. Regulates expression of STRA8, a central downstream effector for the meiotic program. Acts independently of retinoic acid (RA). In males, not required for germ-cell sex determination, but required to allow the spermatogonia to efficiently accomplish the meiotic prophase.</p> <p>{ECO:0000250 UniProtKB:Q1WG82}.</p> |
| Molecular Weight: | 29.6 kDa  |
| UniProt:          | <a href="#">P0C6A0</a>  |

## Application Details

|                    |   |
|--------------------|---|
| Application Notes: | We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though. |
| Restrictions:      | For Research Use only   |

## Handling

|                  |  |
|------------------|--|
| Format:          | Liquid   |
| Buffer:          | The buffer composition is at the discretion of the manufacturer. |
| Handling Advice: | Avoid repeated freeze-thaw cycles.                               |
| Storage:         | -80 °C   |
| Storage Comment: | Store at -80°C.  |
| Expiry Date:     | 12 months  |