

## Recombinant Human ZG16B protein, His-tagged

**Cat. No.** ZG16B-1598H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human ZG16B aa. (Gly53~Arg208) fused with N-terminal His tag was produced in E. coli cells.                                                                                                                                                                                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | Gly53~Arg208                                                                                                                                                                                                                                                                                                                        |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | 21kDa as determined by SDS-PAGE reducing conditions.                                                                                                                                                                                                                                                                                |
| <b>Endotoxin</b>        | <1.0EU per 1ug (determined by the LAL method)                                                                                                                                                                                                                                                                                       |
| <b>Purity</b>           | >90%                                                                                                                                                                                                                                                                                                                                |
| <b>Applications</b>     | Positive Control; Immunogen; SDS-PAGE; WB.                                                                                                                                                                                                                                                                                          |
| <b>Stability</b>        | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| <b>Storage</b>          | Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at                                                                                                                                                                                                                                               |

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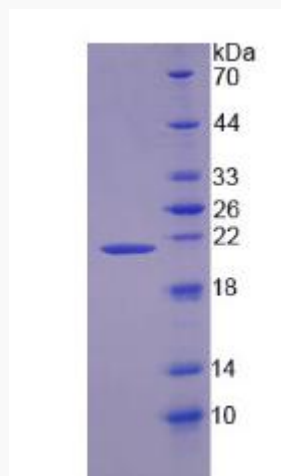
|                          |                                                                                                                                                                                                                                      |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                          | -80°C for 12 months.                                                                                                                                                                                                                 |
| <b>Concentration</b>     | 200µg/mL                                                                                                                                                                                                                             |
| <b>Storage buffer</b>    | 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.                                                                                                                              |
| <b>Reconstitution</b>    | Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL.<br>Do not vortex.                                                                                                                                 |
| <b>Isoelectric Point</b> | 5.4                                                                                                                                                                                                                                  |
| <b>GENE INFORMATION</b>  |                                                                                                                                                                                                                                      |
| <b>Gene Name</b>         | ZG16B zymogen granule protein 16B [ Homo sapiens (human) ]                                                                                                                                                                           |
| <b>Official Symbol</b>   | ZG16B                                                                                                                                                                                                                                |
| <b>Synonyms</b>          | ZG16B; zymogen granule protein 16B; EECF; PAUF; JCLN2; HRPE773; PRO1567; zymogen granule protein 16 homolog B; endocrine and exocrine protein; jacalin-like lectin domain containing 2; pancreatic adenocarcinoma upregulated factor |
| <b>Gene ID</b>           | 124220                                                                                                                                                                                                                               |
| <b>mRNA Refseq</b>       | NM_145252.2                                                                                                                                                                                                                          |
| <b>Protein Refseq</b>    | NP_660295.2                                                                                                                                                                                                                          |
| <b>UniProt ID</b>        | Q96DA0                                                                                                                                                                                                                               |

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**SDS-PAGE**



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