

## Recombinant Mouse Zp3 protein, His-tagged

**Cat. No.** Zp3-3545M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Zp3 protein(P10761)(23-351aa), fused with C-terminal His tag, was expressed in E.coli.                                                                                                                                                                                                           |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | 23-351aa                                                                                                                                                                                                                                                                                                           |
| <b>Form</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>Molecular Mass</b>   | 43.2 kDa                                                                                                                                                                                                                                                                                                           |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                        |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                     |
| <b>Reconstitution</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. |

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**AA Sequence**

QTLWLLPGGTPTPVGSSSPVKVECLEAELVVTVSRDLFGTGKLVQPGDLTLGSEGC  
 QPRVSVDTDVVRFNAQLHECSSRVQMTKDALVYSTFLLHDPRPVSGLSILRTNRVE  
 VPIECRYPRQGNVSSHPIQPTWVPFRATVSSEEKLAFLRLMEENWNTEKSAPTFHL  
 GEVAHLQAEVQTGSHLPLQLFVDHCVATPSPLPDPNSSPYHFIVDFHGLVDGLSES  
 FSAFQVPRPRPETLQFTVDVFHFANSSRNTLYITCHLKVAPANQIPDKLNKACSFNKT  
 SQSWLPVEGDADICCCSHGNCNSSSSSQFQIHGPRQWSKLVS RN

**GENE INFORMATION**

**Gene Name** [Zp3 zona pellucida glycoprotein 3 \[ Mus musculus \]](#)

**Official Symbol** [Zp3](#)

**Synonyms** ZP3; zona pellucida glycoprotein 3; zona pellucida sperm-binding protein 3; sperm receptor; zona pellucida protein C; zona pellucida glycoprotein ZP3; Zp-3;

**Gene ID** [22788](#)

**mRNA Refseq** [NM\\_011776](#)

**Protein Refseq** [NP\\_035906](#)

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## SDS-PAGE



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