

## Recombinant Mouse Angptl3 Protein (Ser17-Arg224), N-His tagged

**Cat. No.** Angptl3-5438M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant mouse Angptl3 (Ser17-Arg224) fused with the N-terminal His tag was expressed in E. coli.                                                                                                                                                                                                                                                                                                                             |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | Ser17-Arg224                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Description</b>      | This gene encodes a member of the angiopoietin-like family of proteins. The encoded preproprotein is proteolytically processed to generate multiple protein products, which may inhibit triglyceride metabolism. Homozygous knockout mice for this gene exhibit reduced plasma lipid concentrations, including reduced plasma triglyceride concentrations, and enhanced activity of enzymes involved in triglyceride metabolism. |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Molecular Mass</b>   | 26.08 kDa                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Purity</b>           | > 90 % as determined by SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Notes</b>            | For research use only.                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Storage</b>          | Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8                                                                                                                                                                                                                                                                                                                                              |

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centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.

**Storage Buffer** Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.

**Shipping** They are shipped out with blue ice unless customers require otherwise.

## GENE INFORMATION

**Gene Name** [Angptl3 angiopoietin-like 3 \[ Mus musculus \(house mouse\) \]](#)

**Official Symbol** [Angptl3](#)

**Synonyms** Angptl3; angiopoietin-like 3; hyp1; angiopoietin-related protein 3; angiopoietin-like protein 3

**Gene ID** [30924](#)

**mRNA Refseq** [NM\\_013913](#)

**Protein Refseq** [NP\\_038941](#)

**UniProt ID** [Q9R182](#)

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