

# Recombinant Mouse Angiopoietin-like 1

**Cat. No.** Angptl1-1704M    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

|                              |                                                                                                                                                                                                                                                                                                                                                 |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species</b>               | Mouse                                                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>                | Mammalian Cells                                                                                                                                                                                                                                                                                                                                 |
| <b>Description</b>           | Angiopoietins 3 (Ang-3) is a secretory protein and a ligands of Tie-2 receptor tyrosine kinase. Ang3 is most abundant in adrenal gland, placenta, thyroid gland, heart and small intestine. It inhibits endothelial cell proliferation and survival and blocks Ang-1.                                                                           |
| <b>Molecular Weight</b>      | The predicted molecular weight of Recombinant Mouse ANG-3 is Mr 58 kDa. However, the actual molecular weight as observed by migration on SDS Page is Mr 85-90 kDa.                                                                                                                                                                              |
| <b>State Of Matter</b>       | Lyophilized.                                                                                                                                                                                                                                                                                                                                    |
| <b>Purity</b>                | >90% by SDS Page and analyzed by silver stain.                                                                                                                                                                                                                                                                                                  |
| <b>Endotoxin</b>             | <1.0 EU/g as determined by the LAL method.                                                                                                                                                                                                                                                                                                      |
| <b>Storage And Stability</b> | This lyophilized protein is stable for six to twelve months when stored desiccated at -20°C to -70°C. After aseptic reconstitution, this protein may be stored at 2°C to 8°C for one month or at -20°C to -70°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles. See Product Insert for exact lot specific storage instructions. |

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## GENE INFORMATION

|                     |                                                                                                             |
|---------------------|-------------------------------------------------------------------------------------------------------------|
| Gene Name           | Angptl1 angiopoietin-like 1 [ Mus musculus ]                                                                |
| Synonyms            | Angptl1; angiopoietin-like 1; ANG3; ANGY; ARP1; ANGPT3; MGC100363; 2810039D03Rik; OTTMUSP00000025817; ANG-3 |
| Gene ID             | 72713                                                                                                       |
| mRNA Refseq         | NM_028333                                                                                                   |
| Protein Refseq      | NP_082609                                                                                                   |
| UniProt ID          | Q640P2                                                                                                      |
| Chromosome Location | 1 H1                                                                                                        |
| Function            | receptor binding                                                                                            |

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