

## Active Recombinant Rat Amhr2 Protein, Fc-tagged

**Cat. No.** Amhr2-01R    **Lot. No.** (See product label)

### SPECIFICATION

|                                     |                                                                                                                                                                       |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>             | Recombinant rat MIS RII (Pro19-Pro144) with IEGRMD Human IgG1 (Pro100-Lys330) Fc tag at C-terminus was expressed in Spodoptera frugiperda, Sf 21.                     |
| <b>Species</b>                      | Rat                                                                                                                                                                   |
| <b>Source</b>                       | Insect Cells                                                                                                                                                          |
| <b>ProteinLength</b>                | 19-144 a.a.                                                                                                                                                           |
| <b>Description</b>                  | receptor that binds Mullerian inhibiting substance; involved in testis and ovary function                                                                             |
| <b>Bio-activity</b>                 | Measured by its binding ability in a functional ELISA. Immobilized rhMIS at 3 µg/mL (100 µL/well) can bind rrMIS RII/Fc Chimera with a linear range of 1.6-100 ng/mL. |
| <b>Molecular Mass</b>               | 40 kDa (monomer)                                                                                                                                                      |
| <b>N-terminal Sequence Analysis</b> | Pro19                                                                                                                                                                 |
| <b>Endotoxin</b>                    | < 0.10 EU/µg of the protein by the LAL method.                                                                                                                        |
| <b>Purity</b>                       | > 95% by SDS-PAGE under reducing conditions and visualized by silver stain                                                                                            |
| <b>Storage</b>                      | Use a manual defrost freezer and avoid repeated freeze-thaw cycles.                                                                                                   |

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12 months from date of receipt, -20 to -70 centigrade as supplied.  
 1 month, 2 to 8 centigrade under sterile conditions after reconstitution.  
 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.

**Storage Buffer** Lyophilized from a 0.2 µm filtered solution in PBS.

**Reconstitution** Reconstitute at 100 µg/mL in sterile PBS.

## GENE INFORMATION

**Gene Name** [Amhr2 anti-Mullerian hormone receptor type 2 \[ Rattus norvegicus \(Norway rat\) \]](#)

**Official Symbol** [Amhr2](#)

**Synonyms** Amhr2; anti-Mullerian hormone receptor type 2; C14; MR11; MISR11; anti-Muellerian hormone type-2 receptor; AMH type II receptor; MIS type II receptor; anti-Muellerian hormone type II receptor; anti-Mullerian hormone receptor type 11 SV1; anti-Mullerian hormone receptor, type II; anti-Mullerian hormone type 2 receptor; EC 2.7.11.30

**Gene ID** [29530](#)

**mRNA Refseq** [NM\\_030998](#)

**Protein Refseq** [NP\\_112260](#)

**UniProt ID** [Q62893](#)

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