

## 32-17623: Recombinant Human AMHR2 Protein, hFc Tag

**Uniprot ID :** Q16671  
**Alternative Name :** AMHR, MISR2, MISRII, MRII

### Description

Molecular Characterization: AMHR2 (Pro18-Leu149) hFc(Glu99-Ala330)

Molecular weight: The protein has a predicted molecular mass of 40.3 kDa after removal of the signal peptide. The apparent molecular mass of AMHR2-hFc is approximately 55 kDa due to glycosylation.

Description: Recombinant Human AMHR2 Protein with C-terminal human Fc tag

This gene encodes the receptor for the anti-Mullerian hormone (AMH) which, in addition to testosterone, results in male sex differentiation. AMH and testosterone are produced in the testes by different cells and have different effects. Testosterone promotes the development of male genitalia while the binding of AMH to the encoded receptor prevents the development of the mullerian ducts into uterus and Fallopian tubes. Mutations in this gene are associated with persistent Mullerian duct syndrome type II. Alternatively spliced transcript variants encoding different isoforms have been identified.

### Product Info

**Amount :** 100 µg / 50 µg  
**Content :** Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.  
**Storage condition :** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.