

Rev02
 Update: Aug,08,2025
DATASHEET

AMHR II hFc Chimera, Cynomolgus/Rhesus macaque

Cat. No.: Z04943

Product Introduction

Species	Cynomolgus/Rhesus macaque
Protein Construction	<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="background-color: #0056b3; color: white; padding: 5px;"> AMHR II (Pro18-Ser144) Accession # A0A2K5U1R6(Cynomolgus) / XP_001105261.1(Rhesus macaque) </div> <div style="background-color: #76b82a; color: white; padding: 5px; border-radius: 5px;">hFc</div> </div> <div style="display: flex; justify-content: space-between; font-size: small; margin-top: 5px;"> N-term C-term </div>
Purity	> 95% as determined by BisTris PAGE > 95% as determined by HPLC
Endotoxin Level	Less than 1EU per µg by the LAL method.
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized AMHR II hFc Chimera, Cynomolgus/Rhesus macaque at 2µg/ml (100µl/well) on the plate can bind Biotinylated AntiAMHR II Antibody,hFc Tag. Test result was comparable to standard batch.
Expression System	HEK293
Theoretical Molecular Weight	40.24 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 50-70 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4).
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage & Stability	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

Background

Target Background : The aim of the current study was to explore whether anti-Müllerian hormone receptor II (AMHR II) genetic variants influence the hormonal profile and the ovarian response to standard gonadotropin stimulation of women undergoing medically assisted reproduction. Three hundred in vitro fertilization or intracytoplasmic sperm injection patients constituted the study population, while 300 women with at least one spontaneous pregnancy participated as controls.

Synonyms : MIS type II receptor; MISRII; MR II; AMHR; MISR2; AMHR2; AMH type II receptor; AMHR2; AMHR II; C14

For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.

Manufacturer: Nanjing GenScript Biotech Co., Ltd. No. 28Yongxi Road, Jiangning District, Nanjing, Jiangsu, China