

Cynomolgus/Rhesus macaque AMHR II Protein

Cat. No. AMH-CM2R2

Description

Source	Recombinant Cynomolgus/Rhesus macaque AMHR II Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Pro18-Ser144.
Accession	XP_001105261.1
Molecular Weight	The protein has a predicted MW of 40.24 kDa. Due to glycosylation, the protein migrates to 50-70 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per ug by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

Formulation and Storage

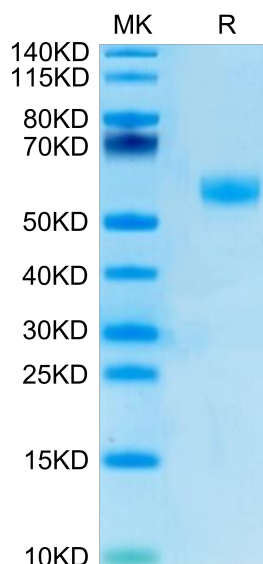
Formulation	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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.

Assay Data

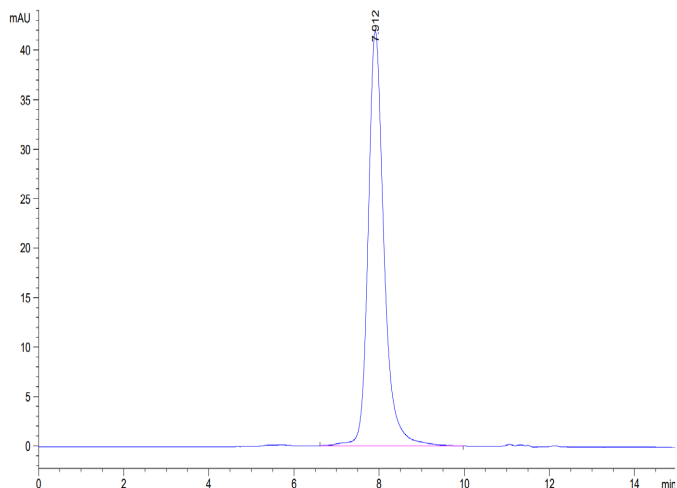
Bis-Tris PAGE



Cynomolgus/Rhesus macaque AMHR II on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

Assay Data

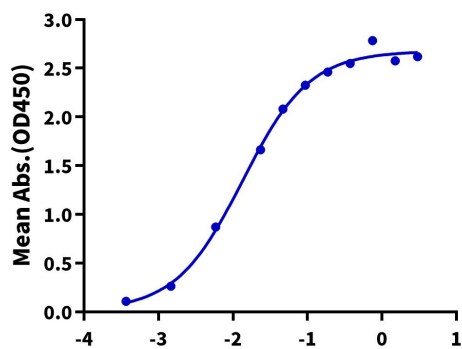


The purity of Cynomolgus/Rhesus macaque AMHR II is greater than 95% as determined by SEC-HPLC.

ELISA Data

Cynomolgus/Rhesus macaque AMHR II, hFc Tag ELISA

0.2µg Cynomolgus/Rhesus macaque AMHR II, hFc Tag Per Well



Immobilized Cynomolgus/Rhesus macaque AMHR II, hFc Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Anti-AMHR II Antibody, hFc Tag with the EC50 of 13.4ng/ml determined by ELISA (QC Test).