Cynomolgus/Rhesus macaque AMHRII Protein

Cat. No. AMH-CM2R2

Description

Source	Recombinant Cynomolgus/Rhesus macaque AMHRII 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 Tris-Bis PAGE result.
Endotoxin	Less than 1EU per ug by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE
	> 95% as determined by HPLC

Formulation and Storage

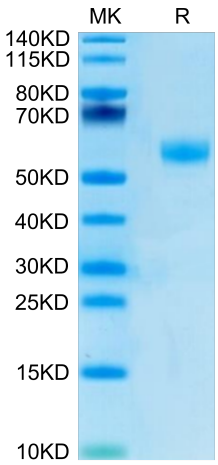
Formulation	Supplied as 0.22μm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

The aim of the current study was to explore whether anti-Müllerian hormone receptor II (AMHRII) 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.

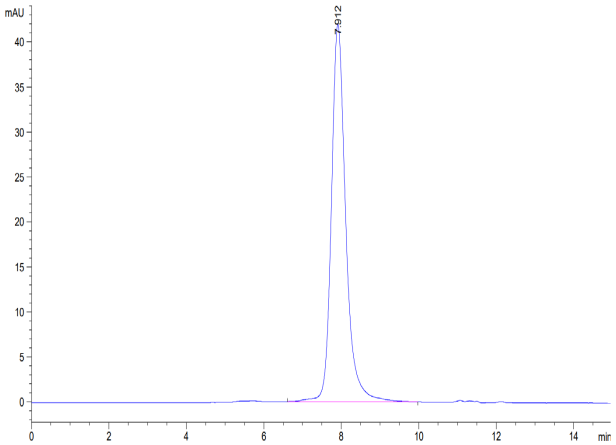
Assay Data

Tris-Bis PAGE



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

SEC-HPLC



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

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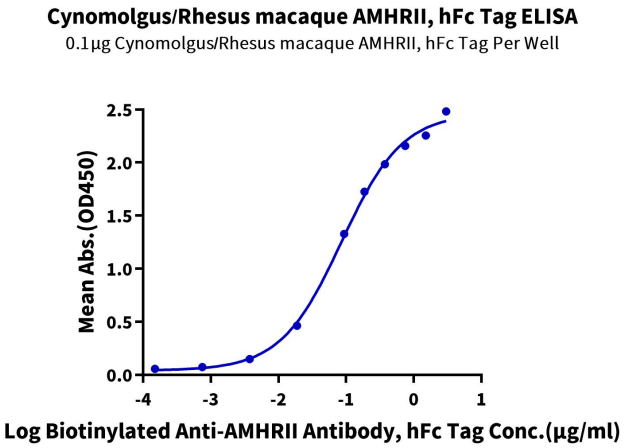
Assay Data

ELISA Data



Immobilized Cynomolgus/Rhesus macaque AMHRII, hFc Tag at 1μg/ml (100μl/well) on the plate. Dose response curve for Biotinylated Anti-AMHRII Antibody, hFc Tag with the EC50 of 85.7ng/ml determined by ELISA.