

Human AMHRII Protein

Cat. No. AMH-HM2R2

Description

Source	Recombinant Human AMHRII Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Pro18-Ser144.
Accession	Q16671-1
Molecular Weight	The protein has a predicted MW of 40.2 kDa. Due to glycosylation, the protein migrates to 50-65 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

Formulation and Storage

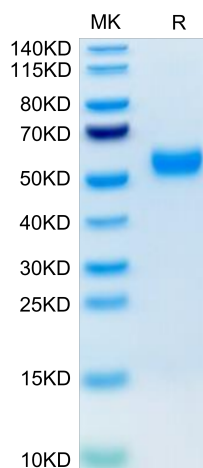
Formulation	Supplied as 0.22 μm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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.

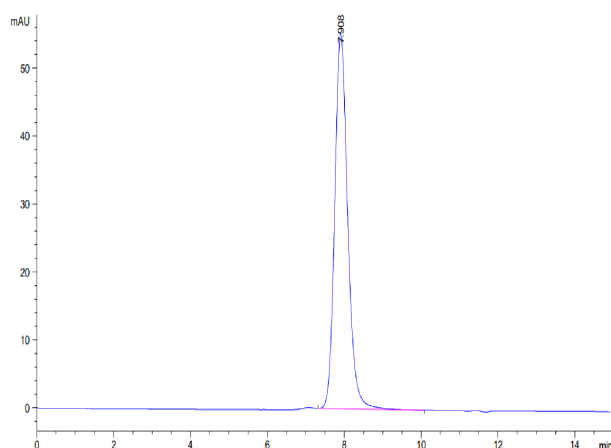
Assay Data

Bis-Tris PAGE



Human AMHRII on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



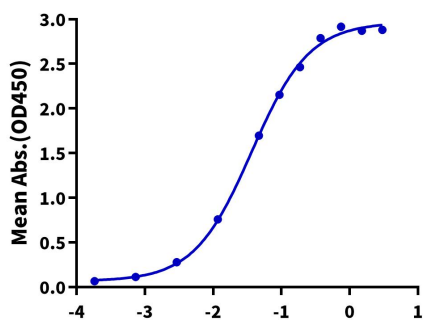
The purity of Human AMHRII is greater than 95% as determined by SEC-HPLC.

Assay Data

ELISA Data

Human AMHR II, hFc Tag ELISA

0.2µg Human AMHR II, hFc Tag Per Well



Immobilized Human 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 36.7ng/ml determined by ELISA (QC Test).

Log Biotinylated Anti-AMHR II Antibody, hFc Tag Conc.(µg/ml)