PRODUCT INFORMATION

Target	AMHR2
Synonyms	AMHR;MISR2;MISRII;MRII
Description	Recombinant Human AMHR2 Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q16671
Expression Host	HEK293
Tag	C-Human Fc Tag
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.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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.
Background	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.
Usage	Research use only
Conjugate	Unconjugated

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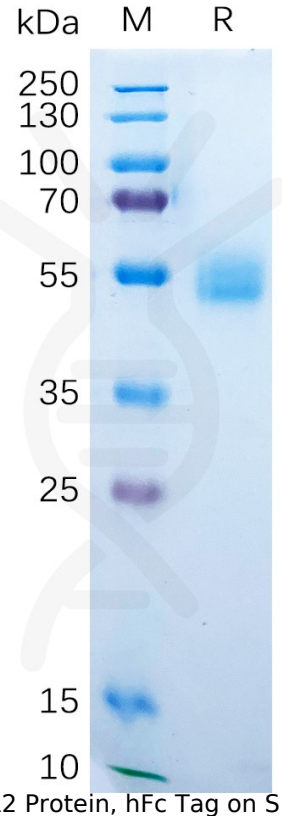


Figure 1. Human AMHR2 Protein, hFc Tag on SDS-PAGE under reducing condition.

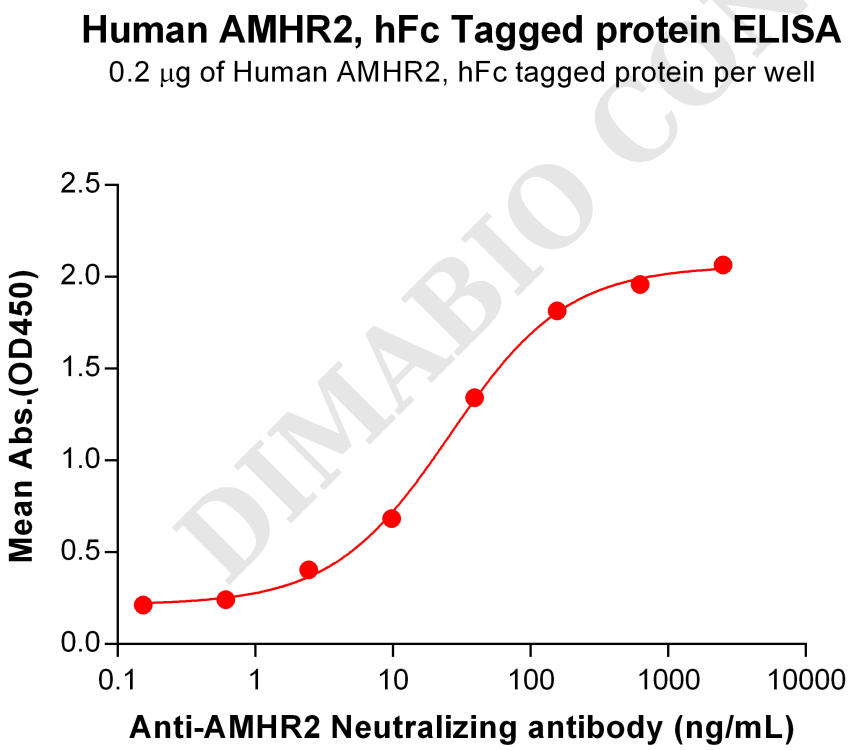


Figure 2. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human AMHR2 Protein, hFc Tag (PME100549) can bind A

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