AMHR2/MISRII Protein, Human (HEK293, Fc)

Cat. No.:	HY-P77870
Synonyms:	MIS type II receptor; MISRII; MRII; AMHR; MISR2; AMHR2; AMH type II receptor; AMHR2; AMHRII; C14
Species:	Human
Source:	HEK293
Accession:	Q16671 (P18-S144)
Gene ID:	269
Molecular Weight:	50-65 kDa

PROPERTIES

Biological Activity	Immobilized Human AMHRII, hFc Tag at 0.5μg/ml (100μl/well) on the plate. Dose response curve for Biotinylated Anti-AMHRII Antibody, hFc Tag with the EC_{50} of 63.2ng/ml determined by ELISA.
Appearance	Solution.
Formulation	Supplied as a 0.22 μm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	Upon ligand binding, AMHR2/MISRII Protein assembles into a receptor complex composed of two type II and two type I transmembrane serine/threonine kinases. The type II receptors phosphorylate and activate the type I receptors, initiating their autophosphorylation. Subsequently, these activated type I receptors engage with SMAD transcriptional regulators, leading to the activation of downstream signaling pathways. Notably, AMHR2/MISRII serves as a receptor for anti-Muellerian hormone, playing a crucial role in mediating the cellular responses triggered by this hormone.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA