

Recombinant Full Length Human AMHR2 Protein

Cat. No. AMHR2-1027HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AMHR2 full-length ORF (ADR83081.1) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	573 amino acids
Description	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. [provided by RefSeq, Sep 2009]
Form	Liquid
Molecular Mass	63.1 kDa
AA Sequence	MLGSLGLWAL LPTAVEAPPN RRTCFFFEAP GVRGSTKTLG ELLDTGTLEP RAIRCLYSRC CFGIWNLTQD RAQVEMQGCR DSDEPGCESL HCDPSPRAHP SPGSTLFTCS CGTDFCNANY SHLPPPGSPG TPGSQGPQAA PGESIWMALV LLGLFLLLLL LLGSILALL QRKNYRVRGE PVPEPRPD SG RDWSVELQEL

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PELCFSQVIR EGGHAVVWAG QLQGLVAIK AFPPRSVAQF QAERALYELP
 GLQHDHIVRF ITASRGGPGR LLSGPLLVLE LHPKGSLSCHY LTQYTSWGS
 SLRMALSLAQ GLAFLHEERW QNGQYKPGIA HRDLSSQNVL IREDGSCAIG
 DLGLALVLPG LTQPPAWTPT QPQGPAIME AGTQRYMAPE LLDKTLDLQD
 WGMALRRADI YSLALLLWEI LSRCPLRPD SSPPPFQLAY EAELGNTPTS
 DELWALAVQE RRRPYIPSTW RCFATDPDGL RELLEDCWDA DPEARLTAEC
 VQQLAALAH PQESHFPES CPRGCPPLCP EDCTSIPAPT ILPCRQRSA
 CHFSVQQGPC SRNPQPACTL SPV

Applications Antibody Production; Functional Study; Compound Screening

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 25 mM Tris-HCl of pH8.0 containing 2% glycerol.

GENE INFORMATION

Gene Name [AMHR2 anti-Mullerian hormone receptor, type II \[Homo sapiens \]](#)

Official Symbol [AMHR2](#)

Synonyms AMHR2; anti-Mullerian hormone receptor, type II; anti-Muellerian hormone type-2 receptor; MISR2; MISRII; Mullerian inhibiting substance type II receptor; AMH type II receptor; MIS type II receptor; anti-Muellerian hormone type II receptor; Mullerian inhibiting substance type II receptor; AMHR; MRII

Gene ID [269](#)

mRNA Refseq [NM_001164690](#)

Protein Refseq [NP_001158162](#)

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MIM	600956
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UniProt ID	Q16671
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