Recombinant Human AMHR2 protein

Cat. No. AMHR2-521H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AMHR2 full-length ORF (ADR83081.1) recombinant protein without tag.
Species	Human
Source	Wheat Germ
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	MLGSLGLWALLPTAVEAPPNRRTCVFFEAPGVRGSTKTLGELLDTGTELPRAIRCLY SRCCFGIWNLTQDRAQVEMQGCRDSDEPGCESLHCDPSPRAHPSPGSTLFTCSCG TDFCNANYSHLPPPGSPGTPGSQGPQAAPGESIWMALVLLGLFLLLLLLLGSIILALL QRKNYRVRGEPVPEPRPDSGRDWSVELQELPELCFSQVIREGGHAVVWAGQLQG KLVAIKAFPPRSVAQFQAERALYELPGLQHDHIVRFITASRGGPGRLLSGPLLVLELH PKGSLCHYLTQYTSDWGSSLRMALSLAQGLAFLHEERWQNGQYKPGIAHRDLSSQ

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	NVLIREDGSCAIGDLGLALVLPGLTQPPAWTPTQPQGPAAIMEAGTQRYMAPELLDK TLDLQDWGMALRRADIYSLALLLWEILSRCPDLRPDSSPPPFQLAYEAELGNTPTSD ELWALAVQERRRPYIPSTWRCFATDPDGLRELLEDCWDADPEARLTAECVQQRLA ALAHPQESHPFPESCPRGCPPLCPEDCTSIPAPTILPCRPQRSACHFSVQQGPCSR NPQPACTLSPV
Applications	Antibody Production; Functional Study; Compound Screening
Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
Notes	Best use within three months from the date of receipt of this protein.
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; M&#xFFFD;llerian 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

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Protein Refseq	NP_001158162
MIM	600956
UniProt ID	Q16671

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