

Proteoliposomes

Full-Length

AMHR2 (Human) Recombinant Protein

Catalog # H00000269-G01

Size 10 ug

Specification

Product Description

Human AMHR2 full-length ORF (ADR83081.1) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MLGSLGLWALLPTAVEAPPNRRTCFFEAPGVRGSKTLGELLDTGTELPRAIRCLYSRCCFGW
NLTQDRAQVEMQGCRRSDEPGCESLHCDPSRAHPSPGSTLFTCSCGTDFCNANYSHLPPPG
SPGTPGSQGPQAAPGESMMALVLLGLFLLLLLLLSIALLQRKNYRVRGEPVPEPRPDGRDW
SVELQELPELCFSQVIREGGHAVVWAGQLQGKLVAIKAFPPRSVAQFQAERALYELPGLQHDHV
RFITASRGGPGRLLSGPLLVLLELHPKGSLSCHYLTQYTSWSSLRMALSLAQGLAFLHEERWQNG
QYKPGIAHRDLSSQNVLIREDGSCAIGDLGLALVLPGLTQPPAWTPTQPQGPAAIMEAGTQRYMA
PELLDKTLDLQDWGMALRRADISLALLWEILSRCPDLRPDSSPPPFQLAYEAEELGNTPTSDEL
WALAVQERRRPYIPSTWRCFATDPDGLRELLEDWCWDADPEARLTAECVQQRLAALAHQPESH
FPESCPRGCPPLCPEDCTSIAPTILPCRQPSACHFSVQQGPCSRNPQPACTLSPV

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

63.1

Interspecies Antigen Sequence

Mouse (79); Rat (79)

Form

Liquid

Preparation Method

[in vitro wheat germ expression system with proprietary liposome technology](#)

Purification

None

Recommend Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

Storage Buffer

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

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — AMHR2

Entrez GeneID [269](#)

GeneBank Accession# [HQ258327.1](#)

Protein Accession# [ADR83081.1](#)

Gene Name AMHR2

Gene Alias AMHR, MISR2, MISRII

Gene Description anti-Mullerian hormone receptor, type II

Omim ID [261550 600956](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations Mullerian inhibiting substance type II receptor

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [TGF-beta signaling pathway](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Infertility](#)

- [Neoplasms](#)
- [Obesity](#)
- [Ovarian cancer](#)
- [Ovarian Failure](#)
- [Ovarian Neoplasms](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)