

Recombinant Full Length Human AMHR2 Protein, C-Flag-tagged

Cat. No. AMHR2-1501HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human AMHR2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	62.6 kDa
AA Sequence	MLGSLGLWALLPTAVEAPPNRRTCVFFEAPGVRGSKTLGELLDTGTLPRAIRCLY SRCCFGIWNLTQD RAQVEMQGCGRDSDEPGCESLHCDPSRAHPSPGSTLFTCS GTDFCNANYSHLPPPGSPGTPGSQGPQAA PGESIWMALVLLGLFLLLLLLLLSIILAL LQRKNYRVRGEPVPEPRPDSDGRDWSVELQELPELCFSQQVI REGGHAVVWAGQL

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QGKLVAIKAFPPRSVAQFQAERALYELPGLQHDHIVRFITASRGGPGRLLSGPLLVL
ELHPKGSLSCHYLTYTSDWGSSLRMALSLAQGLAFLHEERWQNGQNKPGIAHRDL
SSQNVLIREDGSCAI GDLGLALVLPGLTQPPAWTPTQPQGPAAIMEAGTQRYMAPE
LLDKTLDLQDWGMALRRADIYSLALLLWE ILSRCPDLRPDSSPPPFQLAYEAEELGNT
PTSDELWALAVQERRRPYIPSTWRCFATDPDGLRELLED CWD ADPEARLTAECVQ
QRLAALAHQPQESHPPFESCPRGCPPLCPEDCTSIPAPTILPCRPQRSACHFSVQQG
P
CSRNPQPACTLSPVTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Protein Kinase, Transmembrane
Protein Pathways	Cytokine-cytokine receptor interaction, TGF-beta signaling pathway
Full Length	Full L.

GENE INFORMATION

Gene Name AMHR2 anti-Mullerian hormone receptor type 2 [Homo sapiens (human)]

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Official Symbol	AMHR2
Synonyms	AMHR; MR11; MISR2; MISR11
Gene ID	269
mRNA Refseq	NM_020547.3
Protein Refseq	NP_065434.1
MIM	600956
UniProt ID	Q16671



Coomassie blue staining of purified AMHR2 protein.

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