

## Product datasheet for TP312425

### AMHR2 (NM\_020547) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human anti-Mullerian hormone receptor, type II (AMHR2), 20 µg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC212425 representing NM\_020547  
**Red**=Cloning site **Green**=Tags(s)

MLGSLGLWALLPTAVEAPPNRRTCFFVFEAPGVRGSTKTLGELLDTGTLPRAIRCLYSRCCFGIWNLTQD  
RAQVEMQGCGRDSDEPGCESLHCDPSRAHPSPGSTLFTCSCGTDFCNANYSHLPPPSPGTPGSQGPQAA  
PGESIWMALVLLGLFLLLLLLLLLSIILALLQRKNYRVRGEPVPEPRPDSGRDWSVELQELPELCFSQQVI  
REGGHAVVWAGQLQGKLVAIKAFPPRSVAQFQAERALYELPGLQHDHIVRFITASRGGPGRLLSGPLLVL  
ELHPKGSLSCHYLTYQTSWSSLRMALSQAQLAFLHEERWQNGQNKPGIAHRDLSSQNVLIREDGSCAI  
GDLGLALVLPGLTQPPAWTPTQPQGPAAIMEAGTQRYMAPELLDKTLDLQDWGMALRRADIYSLALLWE  
ILSRCPDLRPDSSPPPFQLAYEAEELGNTPTSDELWALAVQERRRPYIPSTWRCFATDPDGLRELLEDWCW  
ADPEARLTAECVQQRLAALHPQESHFPESCPRGCPPLCPEDCTSIPAPTILPCRQPQRSACHFSVQQGP  
CSRNPQPACTLSPV

**TR**TRPLE**QKLISEEDLAANDILDYKDDDDKV**

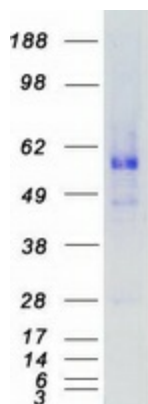
**Tag:** C-Myc/DDK  
**Predicted MW:** 62.6 kDa  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method  
**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining  
**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol  
**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.  
**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.  
**Storage:** Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_065434</a>
<b>Locus ID:</b>	269
<b>UniProt ID:</b>	<a href="#">Q16671</a>
<b>RefSeq Size:</b>	1855
<b>Cytogenetics:</b>	12q13.13
<b>RefSeq ORF:</b>	1722
<b>Synonyms:</b>	AMHR; MISR2; MISRII; MR11
<b>Summary:</b>	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]
<b>Protein Families:</b>	Druggable Genome, Protein Kinase, Transmembrane
<b>Protein Pathways:</b>	Cytokine-cytokine receptor interaction, TGF-beta signaling pathway

### Product images:



Coomassie blue staining of purified AMHR2 protein (Cat# TP312425). The protein was produced from HEK293T cells transfected with AMHR2 cDNA clone (Cat# [RC212425]) using MegaTran 2.0 (Cat# [TT210002]).