

Product datasheet for **TP525495**

Amh (NM_007445) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse anti-Mullerian hormone (Amh), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR225495 representing NM_007445 Red =Cloning site Green =Tags(s)
	<p>MQGP HLSPLV LLLATMGAVLQPEAVENLATNTRGLIFLEDELWPPSSPPEPLCLVTVRGE GNTSRASLRV VGG LNSYEYAFLEAVQESRWGPQDLATFGVCSTDSQATLPALQRLGAWLGETGEQQLLVHLAEVIWEPE LLLKFQEP PPGGASRWEQALLVLYPGPGPQVTVTGTGLRGTQNLCPTRDTRYLVLTVD FPAGAWSGSLI LTLQPSREGATLSIDQLQAFLFGSDSRCFTRMTPTLVWLPPAEPSPQPAHGQLDTPFPQPGLSLEPEAL PHSADPFLETLTRLVRLRGPLTQASNTQLALDPGALASFPQGLVNLSDPAALGRLLDWEEPLLLLSPA AATEREPMPLHGPASAPWAAGLQRRVAVELQAAASELRDLPLPPTAPLLARLLALCPNDSRSSGDPLR ALLLLKALQGLRAEWHGREGRGRTGRSAGTGTGDP CALRELSVDLRAERSVLIPETYQANNCQGACAWPQ SDRNPRYGNHV LLLKMQARGAALGRLPCCVPTAYAGKLLISLSEERISAHHPNMVATECGCR</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	59.8 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
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 after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_031471</u>



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Locus ID: 11705

UniProt ID: [Q5EC55](#)

RefSeq Size: 1665

Cytogenetics: 10 39.72 cM

RefSeq ORF: 1662

Synonyms: M; MIS

Summary: This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate N- and C-terminal cleavage products that homodimerize and associate to form a biologically active noncovalent complex. This complex binds to the anti-Mullerian hormone receptor type 2 and causes the regression of Mullerian ducts in the male embryo that would otherwise differentiate into the uterus and fallopian tubes. This protein also plays a role in Leydig cell differentiation and function and follicular development in adult females. Homozygous knockout male mice develop female reproductive organs and are often sterile, while homozygous knockout female mice exhibit premature depletion of primordial follicles. [provided by RefSeq, Jul 2016]