



# Anti-Mullerian Hormone (AMH) Antigen, Recombinant (45 kDa) (DAG-WT198)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	Anti-Mullerian Hormone (AMH) (45 kDa) recombinant protein expressed from E. coli
<b>Purity</b>	>90%
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA/CLIA
<b>Molecular Weight</b>	45 kDa
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	20 mM Phosphate with 0.01% SDS
<b>Preservative</b>	None
<b>Storage</b>	Short Term: 2-8°C. Long Term: -20°C. Avoid repeated freezing and thawing.

## BACKGROUND

### Introduction

AMH is a tissue-specific TGF- $\beta$  superfamily growth factor. Its expression is restricted to the Sertoli cells of fetal and postnatal testis, and to the granulosa cells of postnatal ovary. The human MIS gene encodes a 553 amino acid residue (aa) prepropeptide containing a signal a sequence (1- 24), a proregion (25-455), and the carboxylterminal bioactive protein (44-6553). MIS is synthesized and secreted as a disulfide-linked homodimeric pro-protein. Proteolytic cleavage is required to generate the N-terminal pro-region and the Cterminal bioactive protein, which remain associated in a noncovalent complex.

**Keywords**

AMH; Anti Mullerian Hormone Antigen; Anti Mullerian Hormone

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