

Recombinant Human AMH Protein

Cat. No. AMH-0010H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human AMH Protein without tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-560 aa
Description	<p>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. Mutations in this gene result in persistent Mullerian duct syndrome.</p>
Applications	CG, ELISA, CLIA
Notes	For research use only, not for use in diagnostic procedure.
Storage	Short term (up to 7 days) store at 2–8 centigrade. Long term, store at - 20 centigrade.

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Avoid multiple freeze/thaw cycles.

Storage Buffer Supplied as a 0.2 µm filtered solution of PBS, pH7.4

GENE INFORMATION

Gene Name AMH anti-Mullerian hormone [Homo sapiens (human)]

Official Symbol AMH

Synonyms AMH; anti-Mullerian hormone; muellerian-inhibiting factor; MIS; anti-Muellerian hormone; Mullerian inhibiting factor; Mullerian inhibiting substance; muellerian-inhibiting substance; MIF;

Gene ID 268

mRNA Refseq NM_000479

Protein Refseq NP_000470

MIM 600957

UniProt ID P03971

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