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	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.
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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