
Product Data Sheet

Product Name: AMH Human
 Cat. No.: GP22708
 Batch No.: 1

Product Data

Purity	>98%	Source	E. coli
Physical Appearance	solid	Shipping Condition	Shipped at Room temp.
Synonyms	Anti-Muellerian hormone; AMH; Mullerianinhibiting substance; MIS; MIF.		
Amino Acid Sequence	MKHHHHHHAS AGATAADGPC ALRELSVDLR AERSVLIPET YQANNCQGVC GWPQSDRNPR YGNHVVLLK MQARGAALAR PPCCVPTAYA GKLLISLSEE RISAHHVPNM VATECGCR		
Solubility	It is recommended to add 200µl deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. AMH is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.		
Formulation	AMH filtered (0.4 µm) and lyophilized in 1mM HCl and 5% (w/v) trehalose.		

Introduction

Anti-Mullerian Hormone also known as AMH is a member of the TGF-beta family. AMH is a glycoprotein which is produced by the Sertoli cells of the testis, causes regression of the Mullerian duct. AMH inhibits the growth of tumors derived from tissues of Mullerian duct origin. Moreover, AMH participates in Leydig cell differentiation and function in addition to follicular development in adult females.

Stability

Store lyophilized protein at -20°C . Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after one week at 4°C .

Background

AMH Human Recombinant produced in E. coli is a single, non-glycosylated polypeptide

Caution: Product has not been fully validated for medical applications. For research use only.

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chain (a.a 452-560) containing 118 amino acids including a 9 a.a N-terminal His tag. The total molecular mass is 12.8kDa (calculated).

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