

32-13027: AMH Human

Alternative Name : Anti-Muellerian hormone, AMH, Muellerian-inhibiting substance, MIS, MIF.

Description

Source: Escherichia Coli.

Filtered White lyophilized (freeze-dried) powder.

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 Muellerian duct. AMH inhibits the growth of tumors derived from tissues of Muellerian duct origin. Moreover, AMH participates in Leydig cell differentiation and function in addition to follicular development in adult females.

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

Product Info

Amount : 2 µg / 10 µg

Purification : Greater than 95.0% as determined by SDS-PAGE.

AMH filtered (0.4 µm) and lyophilized in 1mM HCl and 5% (w/v) trehalose.

Content : It is recommended to add 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.

Storage condition : 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.

Amino Acid : MKHHHHHHAS AGATAADGPC ALRELSVDLR AERSVLIPET YQANNCQGVG GWPQSDRNPR
YGNHVVLLK MQARGAALAR PPCCVPTAYA GKLLISLSEE RISAHHPNM VATECGCR