Muellerian-Inhibiting Factor Human HEK293

Product Data Sheet

Type: Recombinant
Source: HEK293
Species: Human
Other names: Anti-Muellerian hormone; AMH; Muellerian-inhibiting substance; MIS; MIF

Cat. No.:

RD172115025-HEK	(0.025 mg)
RD172115100-HEK	(0.1 mg)

Description

Total 439 AA. MW: 46.5 kDa (calculated). UniProtKB acc. No. P03971 (Leu19-Arg451). C-terminal His-tag (6 extra AA). Protein identity confirmed by LC-MS/MS.

Amino Acid Sequence

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MWWRLWWLLL LLLLLWPMVW ALLGTEALRA EEPAVGTSGL IFREDLDWPP GSPQEPLCLV ALGGDSNGSS SPLRVVGALS
AYEQAFLGAV QRARWGPRDL ATFGVCNTGD RQAALPSLRR LGAWLRDPGG QRLVVLHLEE VTWEPTPSLR FQEPPPGGAG
PPELALLVLY PGPGPEVTVT RAGLPGAQSL CPSRDTRYLV LAVDRPAGAW RGSGLALTLQ PRGEDSRLST ARLQALLFGD
DHRCFTRMTP ALLLLPRSEP APLPAHGQLD TVPFPPPRPS AELEESPPSA DPFLETLTRL VRALRVPPAR ASAPRLALDP
DALAGFPQGL VNLSDPAALE RLLDGEEPLL LLLRPTAATT GDPAPLHDPT SAPWATALAR RVAAELQAAA AELRSLPGLP
PATAPLLARL LALCPGGPGG LGDPLRALLL LKALQGLRVE WRGRDPRGPG RAQRHHHHHH
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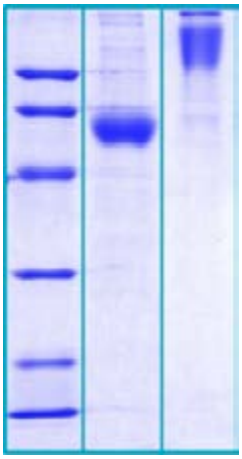
Source

HEK293

Purity

Purity as determined by densitometric image analysis: > 85 %

SDS-PAGE gel



12 % SDS-PAGE separation of Human AMH (HEK):
1. M.W. marker - 14, 21, 31, 45, 66, 97 kDa
2. Reduced and boiled sample, 2.5 μg/lane
3. Non-reduced and non-boiled sample, 2.5 μg/lane

Endotoxin

< 1.0 EU/μg

Formulation

Filtered (0.4 μm) and lyophilized in phosphate buffered saline + 5% (w/v) trehalose.

Reconstitution

Add 200 μl of deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely. Filter sterilize your culture media/working solutions containing this non-sterile product before using in cell culture.

Shipping

At temperature 2 - 8 °C. Upon receipt, store the product at the temperature recommended below.

Storage, Stability/Shelf Life

Store the lyophilized protein at -80 °C. Lyophilized protein remains stable until the expiry date when stored at -80 °C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80 °C for long term storage. Reconstituted protein can be stored at 4 °C for a week.

Quality Control Test

BCA to determine quantity of the protein.
SDS-PAGE to determine purity of the protein.
LAL TEST to determine endotoxin level.

Applications

Cell culture and/or animal studies, ELISA, Western blotting

Note

This product is intended for research use only.

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