

Recombinant Bovine AMH Protein (25-575 aa), His-tagged

Cat. No. AMH-2081B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Bovine AMH Protein (25-575 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	Bovine
Source	Yeast
ProteinLength	25-575 aa
Description	This glycoprotein, produced by the Sertoli cells of the testis, causes regression of the Muellerian duct. It is also able to inhibit the growth of tumors derived from tissues of Muellerian duct origin.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	60.3 kDa
AA Sequence	REEVFSTSALPREQATGSGALIFQQAWDWPLSSLWLPGSPLDPLCLVTLHGSGNGS RAPLRVVGVLSSYEQAFLEAVRRTHWGLSDLTTFAVCPAGNGQPVLPHLQRLQAW LGEPGGRWLVLHLEEVWTEPTLLRFQEPPPGGASPPPELALLVVYPGPGLEVTVT GAGLPGTQSLCLTADSDFLALVVDHPEGAWRRPGLALTLRRRGNGALLSTAQLQAL LFGADSRFCFTRKTPALLLLPARSSAPMPAHGRDLVFPFQPRASPEPEEAPPSADP FLETTRLVRLAGPPPARASPPRLALDPGALAGFPQGQVNLSDPAALERLLDGEEPL LLLLPPTAATTGVPATPQGPKSPLWAAGLARRVAAELQAVAAELRALPGLPPAAPPL

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LARLLALCPGNPDSPGGPLRALLLLKALQGLRAEWRGRERSGSARAQRSAGAAAA
 DGPCALRELSVDLRAERSVLIPETYQANNCQGACGWPQSDRNPRYGNHVVLLKLM
 QARGATLARPPCCVPTAYTGKLLISLSEERISAHHVPMNVATECGCR

Purity > 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name AMH anti-Mullerian hormone [Bos taurus (cattle)]

Official Symbol AMH

Synonyms AMH;

Gene ID 280718

mRNA Refseq NM_173890

Protein Refseq NP_776315

UniProt ID P03972

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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