Active Recombinant Mouse Ambn, His-tagged

Cat. No. Ambn-351M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ambn (Accession # AAH87927) Val27-Pro422, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	27-422 a.a.
Predicted N Terminal	Val27 & Ala29
Form	Lyophilized from a 0.2 μm filtered solution in PBS.
Bio-activity	Measured by its ability to induce adhesion of ATDC5 mouse chondrogenic cells.The ED50 for this effect is typically 1-4 μg/mL.
Molecular Mass	Recombinant Mouse Ambn, His-tagged has a calculated MW of 43 kDa. In SDS-PAGE migrates as 70-80 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

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GENE INFORMATION

Gene Name	Ambn ameloblastin [Mus musculus]
Official Symbol	Ambn
Synonyms	AMBN; ameloblastin; MGC107285;
Gene ID	11698
mRNA Refseq	NM_009664
Protein Refseq	NP_033794
MIM	

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