

Datasheet for ABIN7273918

BAMBI Protein (AA 27-152) (Fc Tag)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	BAMBI
Protein Characteristics:	AA 27-152
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BAMBI protein is labelled with Fc Tag.

Product Details

Purpose:	Human BAMBI Protein
Sequence:	Glu27-Ala152
Characteristics:	Recombinant Human BAMBI Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Glu27-Ala152.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	BAMBI
Alternative Name:	BAMBI (BAMBI Products)

Target Details

Background:	Bone morphogenic protein and activin membrane-bound inhibitor (BAMBI) is a transmembrane protein that affects the growth, development and muscle regeneration of the body by regulating the TGF- β , BMP and Wnt signaling pathways. In brief, BAMBI may be a functional gene for the differentiation of bovine preadipocytes and myoblasts, and variations in the BAMBI genomic region, especially the combined haplotype H1H4, may benefit marker-assisted selection in cattle.
Molecular Weight:	40.7 kDa. Due to glycosylation, the protein migrates to 49-55 kDa based on Tris-Bis PAGE result.
UniProt:	Q13145

Application Details

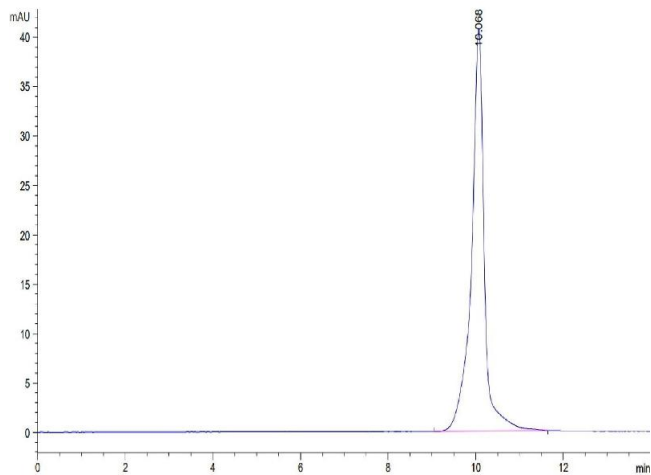
Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μ g/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22 μ m filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 1. The purity of Human BAMBI is greater than 95 % as determined by SEC-HPLC.



SDS-PAGE

Image 2. Human BAMBI on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

