

Rev03
 Update: Aug,08,2025

DATASHEET

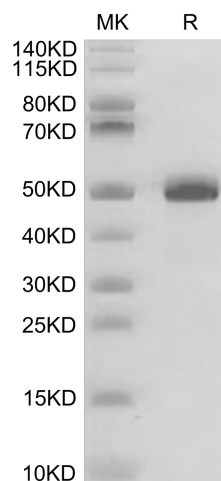
BAMBI hFc Chimera, Mouse

Cat. No.: Z06029

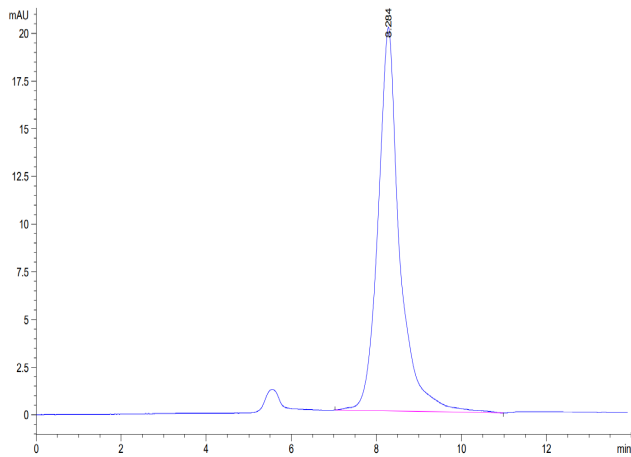
Product Introduction

Species	Mouse
Protein Construction	<div style="display: flex; align-items: center; gap: 10px;"> <div style="background-color: #0056b3; color: white; padding: 5px; text-align: center;"> BAMBI (Glu27-Ala152)_x000D_ Accession # Q9D0L6 </div> <div style="background-color: #76923c; color: white; padding: 5px; text-align: center;"> hFc </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 5px; font-size: small;"> N-term C-term </div>
Purity	> 95% as determined by BisTris PAGE > 95% as determined by HPLC
Endotoxin Level	Less than 1EU per µg by the LAL method.
Expression System	HEK293
Theoretical Molecular Weight	40.7 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 49-55 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage & Stability	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

Examples



BAMBI hFc Chimera, Mouse on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.



The purity of BAMBI hFc Chimera, Mouse is greater than 95% as determined by SEC-HPLC.

Background

Target Background : Bone morphogenetic 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.

Synonyms : Nma; Bambi

For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.

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