

Rev03
 Update: Aug,08,2025

DATASHEET

BAMBI hFc Chimera, Human

Cat. No.: Z05073

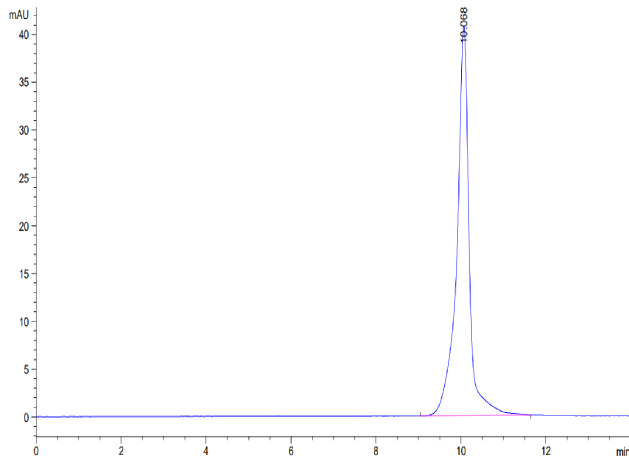
Product Introduction

| | |
|-------------------------------------|--|
| Species | Human |
| Protein Construction | <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="background-color: #0056b3; color: white; padding: 5px; text-align: center;"> BAMBI (Glu27-Ala152) Accession # Q13145 </div> <div style="background-color: #76b82a; color: white; padding: 5px; text-align: center;"> hFc </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 5px;"> 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, Human on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.



The purity of BAMBI hFc Chimera, Human 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.

Manufacturer: Nanjing GenScript Biotech Co., Ltd. No. 28Yongxi Road, Jiangning District, Nanjing, Jiangsu, China