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Datasheet for ABIN7538144

BAMBI Protein (AA 27-152) (Fc Tag)

1 Image

Overview

Quantity:	50 µg
Target:	BAMBI
Protein Characteristics:	AA 27-152
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BAMBI protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant human BAMBI Protein with C-terminal human Fc tag
Specificity:	BAMBI (Glu27-Ala152) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	BAMBI
Alternative Name:	BAMBI (BAMBI Products)
Background:	This gene encodes a transmembrane glycoprotein related to the type I receptors of the

Target Details

transforming growth factor-beta (TGF-beta) family, whose members play important roles in signal transduction in many developmental and pathological processes. The encoded protein however is a pseudoreceptor, lacking an intracellular serine/threonine kinase domain required for signaling. Similar proteins in frog, mouse and zebrafish function as negative regulators of TGF-beta, which has led to the suggestion that the encoded protein may function to limit the signaling range of the TGF-beta family during early embryogenesis. [provided by RefSeq, Jul 2008]

Molecular Weight: predicted molecular mass of 40.1 kDa after removal of the signal peptide. The apparent molecular mass of BAMBI-hFc is 55-70 kDa due to glycosylation.

UniProt: [Q13145](#)

Application Details

Restrictions: For Research Use only

Handling

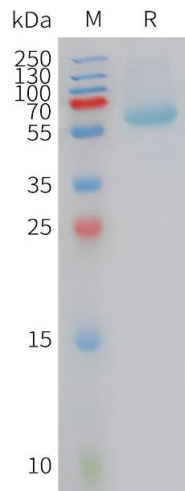
Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months



SDS-PAGE

Image 1. Human BAMBI Protein, hFc Tag on SDS-PAGE under reducing condition.