

Recombinant Canine Transforming Growth Factor Beta-1 (TGFB1), C-His

Cat. No.: AP7F422

Product Type: Animal Proteins

Size: 20 µg

Product Overview

BioVenic's Recombinant Canine Transforming Growth Factor Beta-1 (TGFB1), C-His is a recombinant protein expressed from HEK 293 Cells. Its predicted molecular weight is 43.4 kDa. The purity is >95% (SDS-PAGE). The endotoxin level is <1 EU/µg (LAL).

Specifications

Type	Recombinant Protein
Species	Canine
Expression System	HEK293 Cells
Purity	>95% (SDS-PAGE)
Endotoxin	<1 EU/µg (LAL)
Predicted Molecular Weight	43.4 kDa
Physical State	Lyophilized
Formulation	PBS, pH 7.4.

Target Information

Transforming growth factor β 1 (TGF β 1) is a polypeptide in the transforming growth factor β cytokine superfamily. It is a secreted protein that has many cellular functions, including controlling cell growth, cell proliferation, cell differentiation, and apoptosis. Research has suggested that TGF β 1 induced myofibroblastic differentiation (MVD phenotype) of canine MVIC in 3D culture.

Protein	Canine Transforming Growth Factor Beta-1 (TGFB1)
Protein Synonym	Transforming Growth Factor Beta 1, TGF-B1, CED, DPD1, LAP, Camurati-Engelmann Disease, Latency-associated peptide

Shipping and Storage

This product is shipped with dry ice. Avoid repeated freezing and thawing. Store for 12 months at -20°C or -80°C.

User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Aliquote the reconstituted solution to minimise freeze-thaw cycles.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.