

Recombinant Chicken Transforming Growth Factor Beta-2 Proprotein (TGFB2)

Cat. No.: AP2C518

Product Type: Animal Proteins

Size: 20 µg; 100 µg; 1 mg

Product Overview

BioVenic's Recombinant Chicken Transforming Growth Factor Beta-2 Proprotein (TGFB2) is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 49.6 kDa. The purity is >85% (SDS-PAGE).

Specifications

Type	Recombinant Protein
Species	Chicken
Expression System	<i>E.coli</i>
Purity	>85% (SDS-PAGE)
Predicted Molecular Weight	49.6 kDa
Physical State	Lyophilized
Formulation	Tris/PBS-based buffer, 5%-50% glycerol.

Target Information

Chicken transforming growth factor beta-2 proprotein (TGFB2) belongs to the TGF-β family, playing a role in numerous cellular activities such as growth, differentiation, and apoptosis. In chickens, TGFB2 is crucial for embryonic development, tissue repair, and immune responses. It regulates cell proliferation and differentiation during tissue formation and healing. Additionally, TGFB2 is involved in connective tissue development and may be implicated in the development of fibrosis and related conditions.

Protein	Chicken Transforming Growth Factor Beta-2 Proprotein (TGFB2)
Protein Synonym	Transforming growth factor beta-2
Gene ID	395909
UniProt ID	P30371

Shipping and Storage

This product is shipped with ice packs. Lyophilized protein can be stored at -20°C for 1 year. After reconstitution, the protein solution can be stored at $2-8^{\circ}\text{C}$ for 2-7 days.

User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. Aliquot the reconstituted solution to minimize 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.