

Recombinant Rabbit Transforming Growth Factor Alpha (TGFA), N-His

Cat. No.: AP4C422

Product Type: Animal Proteins

Size: 10 µg; 50 µg; 200 µg; 1 mg; 5 mg

Product Overview

BioVenic's Recombinant Rabbit Transforming Growth Factor Alpha (TGFA), N-His is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 11.7 kDa. The purity is > 97%.

Specifications

Type	Recombinant Protein
Species	Oryctolagus cuniculus (Rabbit)
Expression System	<i>E.coli</i>
Purity	> 97%
Endotoxin	< 1.0 EU/µg
Predicted Molecular Weight	11.7 kDa
Physical State	Lyophilized
Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.

Target Information

Rabbit Transforming Growth Factor Alpha (TGFA) is a growth factor that binds to the epidermal growth factor receptor (EGFR), promoting cell proliferation and differentiation. It plays a role in wound healing, tissue repair, and embryonic development. TGFA is expressed in various tissues and is involved in processes such as epithelial cell proliferation and the maintenance of pluripotency in stem cells. In rabbits, TGFA has been studied for its role in lung development and tissue repair, highlighting its importance in these physiological processes.

Protein	Rabbit Transforming Growth Factor Alpha (TGFA)
Protein Synonym	TGF-alpha; EGF-like TGF; TGF type 1
Gene ID	100009482
EC No.	P98138

Shipping and Storage

This product is shipped with ice packs. Lyophilized protein can be stored at -80°C for 1 year. After reconstitution, the protein solution can be stored at 2-8°C for 2-7 days.

User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Reconstitute in 10 mM PBS (pH7.4) 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.