# TGFB3 (Human) Recombinant Protein

Catalog # P9212 Size 5 ug

## Specification

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|---|---|
| **Product Description** | Human TGFB3 partial recombinant protein expressed in *Escherichia coli*. |
| **Host** | Escherichia coli |
| **Theoretical MW (kDa)** | 50 |
| **Form** | Liquid |
| **Preparation Method** | *Escherichia coli* expression system |
| **Purity** | > 90% as determined by SDS-PAGE. |
| **Storage Buffer** | Solution (100 ug/mL) containing 50 mM Tris-Acetate, pH 7.5, 20% glycerol, 1 mM EDTA. |
| **Storage Instruction** | Store at 4°C for one weeks and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).<br>Avoid repeated freeze/thaw cycles. |

## Applications

- SDS-PAGE

## Gene Info — TGFB3

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|---|---|
| **Entrez GeneID** | 7043 |
| **Protein Accession#** | P10600 |
| **Gene Name** | TGFB3 |
| **Gene Alias** | ARVD, FLJ16571, TGF-beta3 |
| **Gene Description** | transforming growth factor, beta 3 |

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|---|---|
| **Omim ID** | 107970 190230 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | This gene encodes a member of the TGF-beta family of proteins. The encoded protein is secrete d and is involved in embryogenesis and cell differentiation. Defects in this gene are a cause of fa milial arrhythmogenic right ventricular dysplasia 1. [provided by RefSeq |
| **Other Designations** | transforming growth factor-beta 3 |

## Pathway

- Cell cycle
- Chronic myeloid leukemia
- Colorectal cancer
- Cytokine-cytokine receptor interaction
- Hypertrophic cardiomyopathy (HCM)
- MAPK signaling pathway
- Pancreatic cancer
- Pathways in cancer
- Renal cell carcinoma
- TGF-beta signaling pathway

## Disease

- Albuminuria
- Anodontia
- Aortic Aneurysm
- Cleft Lip
- Cleft Palate
- Coronary Artery Disease

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- Coronary Disease
- Disease Models
- Disease Progression
- Genetic Predisposition to Disease
- Hepatitis C
- Hypertension
- Hypertrophy
- Keloid
- Kidney Diseases
- Liver Cirrhosis
- Lupus Erythematosus
- Obesity
- Ovarian Failure
- Ovarian Neoplasms
- Polycystic Ovary Syndrome
- Puberty
- Pulmonary Fibrosis
- Sarcoidosis
- Syndrome
- Thrombophilia
- Tobacco Use Disorder
- Ventricular Dysfunction

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