

Bioactive

TGFB3 (Human) Recombinant Protein

Catalog # P9209 Size 2 x 10 ug

Specification

Product Description	Human TGFB3 recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	MALDTNYCFRNLEENCCVRPLYIDFRQDLGWKWWHEPKGYANFCSGPCPYLRSADTTHSTVLG LYNTLNPEASASPCCVPQDLEPLTILYYVGRTPKVEQLSNMVKCKCS
Host	Escherichia coli
Theoretical MW (kDa)	25.8
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purification	chromatographic
Purity	> 95% as determined by SDS-PAGE.
Activity	The activity is determined by the ability to induce chondrogenic differentiation.
Storage Buffer	Solution containing 10 mM Acetic acid (AcOH), 20% Ethanol.
Storage Instruction	Lyophilized protein at room temperature for 1 weeks, should be stored at 4°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freeze/thaw cycles.

Applications

- Functional Study

Gene Info — TGFB3

Entrez GeneID [7043](#)

Protein Accession#	P10600
Gene Name	TGFB3
Gene Alias	ARVD, FLJ16571, TGF-beta3
Gene Description	transforming growth factor, beta 3
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 secreted and is involved in embryogenesis and cell differentiation. Defects in this gene are a cause of familial 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](#)
- [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](#)