Bioactive

TGFB3 (Human/Mouse) Recombinant Protein

Catalog # P6323 Size 100 ug

Applications

Result of activity analysis

Result of activity analysis

Specification

Product Description	Human/Mouse TGFB3 (P10600/P17125) recombinant protein expressed in *E.Coli*.
Sequence	MALDTNYCFRNLEENCCVRPLYIDFRQDLGWKWVHEPKGYYANFCSGPCPYLRSADTTHSTVLG LYNTLNPEASASPCCVPQDLEPLTILYYVGRTPKVEQLSNMVVKSCKCS
Host	Escherichia coli
Theoretical MW (kDa)	12.9/25.7
Form	Liquid
Preparation Method	This product is produced with no animal or human origin raw products. All processing and handling e mploys animal free equipment and animal free protocols.
Purity	>= 95%
Endotoxin Level	<= 1 EUs/ug (Kinetic LAL)
Activity	ED_{50} <= 1 ng/mL Inhibition of IL-4-induced HT-2 cell proliferation The values provided above are minimum expected values to pass internal requirements.
Quality Control Testing	Reducing and Non-Reducing SDS PAGE

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Conformation	Dimer
Storage Buffer	In solution, 10 mM acetic acid and 20% Ethanol at a concentration of 0.25 mg/mL.
Storage Instruction	Stored at 4°C for 12 month. Centrifuge vial before opening. Do not vortex.
Note	Result of activity analysis Result of activity analysis

Applications

- Functional Study
- Western Blot

Gene Info — TGFB3

Entrez GeneID	7043
Protein Accession#	P10600;P17125
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 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

Gene Info — Tgfb3

Entrez GeneID	21809
Protein Accession#	P10600;P17125

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Gene Name	Tgfb3
Gene Alias	MGC118722, Tgfb-3
Gene Description	transforming growth factor, beta 3
Gene Ontology	Hyperlink
Gene Summary	O
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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