TGFB3 (Human) Recombinant Protein

Catalog # P9213 Size 20 ug

Specification

Product Description	Human TGFB3 partial recombinant protein with His tag in N-terminus expressed in *Escherichia coli*.
Sequence	MGSSHHHHHHSSGLVPRGSHMGSLSTCTTLDFGHIKKKRVEAIRGQILSKLRLTSPPEPTVMTHVP YQVLALYNSTRELLEEMHGEREEGCTQENTESEYYAKEIHKFDMIQGLAEHNELAVCPKGITSKVF RFNVSSVEKNRTNLFRAEFRVLRVPNPSSKRNEQRIELFQILRPDEHIAKQRYIGGKNLPTRGTAE WLSFDVTDTVREWLLRRESNLGLEISIHCPCHTFQPNGDILENIHEVMEIKFKGVDNEDDHGRGDL GRLKKQKDHHNPHLILMMIPPHRLDNPGQGGQRKKRALDTNYCFRNLEENCCVRPLYIDFRQDLG WKWVHEPKGYYANFCSGPCPYLRSADTTHSTVLGLYNTLNPEASASPCCVPQDLEPLTILYYVGR TPKVEQLSNMVVKSCKCS
Host	Escherichia coli
Theoretical MW (kDa)	47.2
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purification	chromatographic
Purity	> 95% as determined by SDS-PAGE.
Storage Buffer	Solution (0.5 mg/mL) containing 20 mM Tris-HCl, pH 8.0, 10% glycerol.
Storage Instruction	Store at 4°C for 2-4 weeks and should be stored at -20°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). 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
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

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- 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

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- Tobacco Use Disorder
- Ventricular Dysfunction

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