

Full-Length

TGFB3 (Human) Recombinant Protein (P01)

Catalog # H00007043-P01

Size 50 ug

Specification

Product Description	Human TGFB3 full-length ORF (BAG36338.1, 1 a.a. - 412 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MKMHLQRALVVLALLNFATVSLSLSTCTLDLFGHIKKRVEAIRGQILSKLRLTSPPEPTVMTHVPY QVLALYNSTRELLEEMHGEREEGCTQENTESEYYAKEIHKFDMIQGLAEHNELAVCPKGITSKVFR FNVSSVEKNRTNLFRAEFRVL RVPNPSSKRNEQRIELFQILRPDEHIAKQRYIGGKNLPTRGTAEWL SFDVTDTVREWLLRRESNLGLEISIHCPCHTFQPNGDILENIHEVMEIKFKGVDNEDDHGRGDLGR LKKQKDHHPHLILMMIPPHRLDNPGQGGQRKKRALDTNYCFRNLEENCCVRPLYIDFRQDLGWK WVHEPKGYANFCSGPCPYLRSADTTHSTVLGLYNTLNPEASASPCCVPQDLEPLTILYYVGRTP KVEQLSNMVVKSCCKCS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	71.72
Interspecies Antigen Sequence	Rat (98)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)

- Antibody Production
- Protein Array

Gene Info — TGFB3

Entrez GeneID	7043
GeneBank Accession#	AK313564.1
Protein Accession#	BAG36338.1
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](#)