

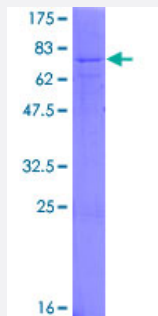
Full-Length

TGFB2 (Human) Recombinant Protein (P01)

Catalog # H00007042-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human TGFB2 full-length ORF (AAH99635.1, 1 a.a. - 414 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MHYCVLSAFLILHLVTVALSLSTCSTLMDQFMKRKIEAIRGQILSKLKLTSPPEDYPEPEEVPPEVI
SYNSTRDLLQEKASRRAAACERERSDEEYAKEVYKIDMPPFFPSENAIPPTFYRPFYRMRFDVS
AMEKNASNLVKAEFRVFRLQNPKEQRIELQILKSKDLTSTQRYIDSKVVKTRAEGEWLSF
DVTDAVHEWLHHKDRNLGFKISLHCPCTFVPSNNYIIPNKSEELARFAGIDGTSTYTSQDQKTIK
STRKKNSGKTPHLLMLLPSTYRLESQQTNRRKKRALDAAYCFRNVQDNCCLRPLYIDFKRDLGWK
WIHEPKGYNANFCAGACPYLWSSDTQHSRVLSTYNTINPEASASPCCVSQDLEPLTILYIGKTPKI
EQLSNMVKSKCS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

74.1

Interspecies Antigen Sequence

Mouse (96)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

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 — TGFB2

Entrez GeneID	7042
GeneBank Accession#	BC099635.1
Protein Accession#	AAH99635.1
Gene Name	TGFB2
Gene Alias	MGC116892, TGF-beta2
Gene Description	transforming growth factor, beta 2
Omim ID	190220
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	OTTHUMP00000037528

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

- [Acute Disease](#)
- [Asthma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bronchiolitis](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Cellulitis](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Disease Progression](#)
- [Edema](#)

- [Fractures](#)
- [Genetic Predisposition to Disease](#)
- [Graft vs Host Disease](#)
- [Hepatitis C](#)
- [Infant](#)
- [Keloid](#)
- [Liver Cirrhosis](#)
- [Lupus Erythematosus](#)
- [Malaria](#)
- [Multiple Sclerosis](#)
- [Myopia](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Ovarian Failure](#)
- [Ovarian Neoplasms](#)
- [Parkinson disease](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Pulmonary Fibrosis](#)
- [Respiratory Syncytial Virus Infections](#)
- [Sarcoidosis](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)