

Recombinant human TGF-beta 3 protein

Catalog Number: ATGP3026

PRODUCT INFORMATION

Expression system

E.coli

Domain

24-412aa

UniProt No.

P10600

NCBI Accession No.

NP_003230

Alternative Names

Transforming growth factor beta-3, Transforming growth factor beta-3, ARVD, ARVD1, RNHF, TGF-beta3

PRODUCT SPECIFICATION

Molecular Weight

47.2 kDa (412aa)

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

TGFB3 also known as transforming growth factor beta-3. This protein is secreted and is involved in embryogenesis and cell differentiation. TGFB3 defects a cause of familial arrhythmogenic right ventricular dysplasia 1. Recombinant human TGFB3, fused to His-tag at N-terminus, was expressed in E. coli.

Amino acid Sequence

<MGSSHHHHHH SGLVPRGSH MGS>LSTCTTL DFGHIKKRV EAIRGQILSK LRLTSPPEPT VMTHVPYQVL ALYNSTRELL EEMHGEREEG CTQENTESEY YAKEIHKFDM IQGLAEHNEL AVCPKGITSK VFRFNVSSE KNRTNLFRAE FRVLRVNPNS

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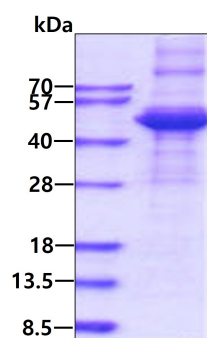
SKRNEQRIEL FQILRPDEHI AKQRYIGGKN LPTRGTAEWL SFDVTDTVRE WLLRRESNLG LEISIHCPCH TFQPNGDILE
NIHEVMEIKF KGVDNEDDHG RGD LGRLKKQ KDHHNPHLIL MMIPPHRLDN PGQGGQRKKR ALDTNYCFRN LEENCCVRPL
YIDFRQDLGW KVVHEPKGY Y ANFCSGPCPY LRSADTTHST VLGLYNTLNP EASASPCCVP QDLEPLTILY YVGRTPKVEQ
LSNMVVK SCK CS

General References

Hsu Y.-P.P., et al. (1988) J. Neurochem. 51:1321-1324

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.