

Recombinant Human TGFB3, His-tagged

Cat. No. TGFB3-12H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TGFB3, fused to His-tag at N-terminus, was expressed in E.coli.
Species	Human
Source	E.coli
Description	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.
Form	Liquid, In 20mM Tris-HCl (pH8.0) containing 10% glycerol
Molecular Mass	47.2kDa (412aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSLSCTTTL DFGHIKKKRV EAIRGQILSK LRLTSPPEPT VMTHVPYQVL ALYNSTRELL EEMHGEREEG CTQENTESEY YAKEIHKFDM IQGLAEHNEL AVCPKGITSK VFRFNVSSVE KNRTNLFRAE FRVLRVPNPS SKRNEQRIEL FQILRPDEHI AKQRYIGGKN LPTRGTAEWL SFDVTDTVRE WLLRRESNLG LEISIHCPCH TFQPNGDILE NIHEVMEIKF KGVDNEDDHG RGD LGRLKKQ KDHHNPHLIL MMIPPHRLDN PGQGGQRKKR ALDTNYCFRN LEENCCVRPL YIDFRQDLGW KWWHEPKGYY ANFCSGPCPY LRSADTTHSTVLGLYNTLNP EASASPCCVP QDLEPLTILY YVGRTPKVEQ LSNMVVKSCS CS
Purity	> 85% by SDS - PAGE

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Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	0.5mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	TGFB3 transforming growth factor, beta 3 [Homo sapiens]
Official Symbol	TGFB3
Synonyms	TGFB3; Transforming Growth Factor-beta3; ARVD; FLJ16571; TGF-beta3; transforming growth factor, beta 3
Gene ID	7043
mRNA Refseq	NM_003239
Protein Refseq	NP_003230
MIM	190230
UniProt ID	P10600
Chromosome Location	14q24
Pathway	ALK1 signaling events; Chagas disease (American trypanosomiasis); Chronic myeloid leukemia
Function	growth factor activity; identical protein binding; contributes_to protein binding

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