

32-6554: TGFB3 (24-412 a.a.) Human

Alternative Name :

Transforming Growth Factor, Beta 3, Prepro-Transforming Growth Factor Beta-3, TGF-Beta-3, ARVD1, RNHF, Arrhythmogenic Right Ventricular Dysplasia 1, Transforming Growth Factor Beta-3, TGF-Beta3, ARVD, Transforming growth factor beta-3, TGF-beta-3.

Description

Source: Escherichia Coli.

Sterile Filtered colorless solution.

Transforming growth factor betas (TGF Betas) mediate many cell-cell interactions that occur during embryonic development. Three TGF Betas have been identified in mammals. TGF Beta 1, TGF Beta 2 and TGF Beta 3 are each synthesized as precursor proteins that are very similar in that each is cleaved to yield a 112 amino acid polypeptide that remains associated with the latent portion of the molecule.

TGFB3 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 412 amino acids (24-412 a.a) and having a molecular mass of 47.2kDa. TGFB3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount : 5 µg / 20 µg

Purification : Greater than 85.0% as determined by SDS-PAGE.

Content : TGFB3 protein solution (0.5mg/ml) containing 20mM Tris-HCl (pH8.0) and 10% glycerol.

Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid : MGSSHHHHHHH 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 KVVHEPKGYY ANFCSGPCPY LRSADTTHST VLGLYNTLNP EASASPCCVP QDLEPLTILY YVGRTPKVEQ LSNMVKKCSK CS.