

32-5083: Recombinant Human TGFB1-Induced Anti-Apoptotic Factor 1

Alternative Name : TGFB1-Induced Anti-Apoptotic Factor 1, 12 kDa TGF-Beta-1-Induced Antiapoptotic Factor, Molecule Associated With Jak-3 N-Terminal, KIAA0216, MYO18A, MYSPDZ, MAJN, SPR210.

Description

Source : E.coli. TIAF1 Human Recombinant produced in E. coli is a single polypeptide chain containing 152 amino acids (1-115) and having a molecular mass of 16.6 kDa. TIAF1 is fused to a 37 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. TGFB1-induced anti-apoptotic factor 1 (TIAF1) hinders the cytotoxic effects of TNF-alpha and overexpressed TNF receptor adapters TRADD, FADD, and RIPK1. The TIAF1 protein is involved in TGF-beta1 inhibition of I κ B-alpha expression and suppression of TNF-mediated I κ B-alpha degradation. TIAF1 is not detected in normal kidney and liver. TIAF1 is up-regulated in chronic and acute allograft rejection: expressed in the inflammatory infiltrate and in tubular epithelial cells.

Product Info

Amount : 10 μ g
Purification : Greater than 85% as determined by SDS-PAGE.
Content : The TIAF1 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea 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 : MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMSS PSSPFREQSF LCAAGDAGEE
 SRVQVLKNEV RRGSPVLLGW VEQAYADKCV CGPSAPPAPT PPSLSQRVMC NDLFKVNPFG
 LQQFRADPST ASLLCPGGL DHKLNLRGKA WG

