

32-4044: Recombinant Human Potassium Channel Tetramerisation Domain Containing 11

Alternative Name : C17orf36,KCASH1,MGC129844,REN,REN/KCTD11,KCTD11,BTB/POZ domain-containing protein KCTD11.

Description

Source : E.coli. KCTD11 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 252 amino acids (1-232a.a) and having a molecular mass of 28kDa. KCTD11 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Potassium Channel Tetramerisation Domain Containing 11 (KCTD11) is a 232 amino acid regulator of neuronal differentiation which induces growth arrest, apoptosis and the expression of p27 (cyclin-dependent kinase inhibitor). KCTD11 is expressed most highly in cerebellum. KCTD11 functions as an antagonist of the Hedgehog pathway and activator of the caspase cascade and among its related super-pathways are Melatonin Signaling and Activation of cAMP-Dependent PKA.

Product Info

Amount : 10 µg
Purification : Greater than 90% as determined by SDS-PAGE.
Content : KCTD11 protein solution (0.5mg/ml) containing 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 : MGSSHHHHHH SSGLVPRGSH MLGAMFRAGT PMPPNLNSQG GGHYFIDRDG KAFRHILNFL
RLGRDLPRG YGETALLRAE ADFYQIRPLL DALRELEASQ GTPAPTAALL HADVDVSPRL
VHFSARRGPH HYELESSVQVD TFRANLFCTD SECLGALRAR FGVASGDRAE GSPHFHLEWA
PRPVELPEVE YGRLGLQPLW TGGPGERREV VGTPSFLEEV LRVALEHGFR LDSVFDPED
LLNSRSLRFV RH.

