

**KCTD11, 1-232aa, Human, His tag, E.coli**

**Cat.NO.: TP02717**

3th Edition

**Synonyms:**BTB/POZ domain-containing protein KCTD11, C17orf36, KCASH1, MGC129844, REN, REN/KCTD11

**Description:**BTB/POZ domain-containing protein KCTD11, is a 232 amino acid regulator of neuronal differentiation that induces growth arrest, apoptosis and the expression of p27, a cyclin-dependent kinase inhibitor. Expressed at highest levels in cerebellum, KCTD11 functions as an antagonist of the Hedgehog pathway and activator of the caspase cascade. Recombinant human KCTD11 protein, fused to His-tag at N-terminus, was expressed in E.coli.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

**Molecular Weight:**28 kDa (252aa)

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMLGAMFRAGTPMPPNLNSQGGGHYFIDRDGKAFRHILNFLRLGRLDLPRGYGET  
ALLRAEADFYQIRPLLDALRELEASQGTPAPTAALLHADVDVSPRLVHFSARRGPHHYELSSVQVDTFRANLFCTDS  
ECLGALRARFGVASGDRAEGSPHFHLEWAPRPVELPEVEYGRLGLQPLWTGGPGERREVVGTPSFLEEVLRVAL  
EHGFRLDSVFPDPEDLLNSRSLRFVRH

**Purity:**> 95% by HPLC

**Concentration:**0.5 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**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.