

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:

MGSSHHHHHSSGLVPRGSHMLGAMFRAGTPMPPNLNSQGGGHYFIDRDGKAFRHILNFLRLGRLDLPRGYGET
ALLRAEADFYQIRPLLDALRELEASQGTPAPTAALLHADVDVSPRLVHFSARRGPHHYELSSVQVDTFRANLFCTDS
ECLGALRARFGVASGDRAEGSPHFHLEWAPRPVELPEVEYGRLGLQPLWTGGPGERREVVGTSPSFLEEVLRVAL
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.