

Recombinant Human KCTD11, His-tagged

Cat. No. KCTD11-7539H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human KCTD11 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-232aa
Antigen 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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
Molecular Mass	28 kDa (252aa)
AA Sequence	MGSSHHHHH SGLVPRGSH MLGAMFRAGT PMPPNLNSQG GGHYFIDRDG KAFRHILNFL RLGRDLPRG YGETALLRAE ADFYQIRPLL DALRELEASESQ GTPAPTAALL HADVDVSPRL VHFSARRGPH HYLSSVQVD TFRANLFCTD SECLGALRAR FGVASGDRAE GSPHFHLEWA PRPVELPEVE YGRLGLQPLW TGPGGERREV VGTPSFLEEV LRVALEHGFR LDSVFPDPED LLNSRSLRFV RH

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	>90% as determined by SDS - PAGE
Applications	SDS-PAGE
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.
Concentration	0.5 mg/ml
GENE INFORMATION	
Gene Name	KCTD11 potassium channel tetramerisation domain containing 11 [Homo sapiens]
Official Symbol	KCTD11
Synonyms	KCTD11; potassium channel tetramerisation domain containing 11; C17orf36, chromosome 17 open reading frame 36; BTB/POZ domain-containing protein KCTD11; KCASH1; REN; retinoic acid, EGF, NGF induced gene protein; potassium channel tetramerization domain containing 11; retinoic acid, EGF, NGF induced gene/potassium channel tetramerization domain containing 11; C17orf36; REN/KCTD11; MGC129844;
Gene ID	147040
mRNA Refseq	NM_001002914
Protein Refseq	NP_001002914
MIM	609848
UniProt ID	Q693B1

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Chromosome Location	17p13.2
Function	voltage-gated potassium channel activity;