

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 | MGSSHHHHHH SGLVPRGSH MLGAMFRAGT PMPPNLNSQG GGHYFIDRDG KAFRHILNFL RLGRLDLPRG YGETALLRAE ADFYQIRPLL DALRELEASESQ GTPAPTAALL HADVDVSPRL VHFSARRGPH HYE LSSVQVD TFRANLFCTD SECLGALRAR FGVASGDRAE GSPHFHLEWA PRPVELPEVE YGRLGLQPLW TGGPGERREV 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 |

 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



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

 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