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Product datasheet for TP306070L

KCTD17 (NM_024681) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human potassium channel tetramerisation domain containing 17 (KCTD17), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206070 protein sequence Red=Cloning site Green=Tags(s) MRMEAGEAAPPAGAGGRAAGGWGKWVRLNVGGTVFLTTRQTLCREQKSFLSRLCQGEELQSDRDETGAYL IDRDPTYFGPILNFLRHGKLVLDKDMAEEGVLEEAEFYNIGPLIRIIKDRMEEKDYTVTQVPPKHVYRVL QCQEEELTQMVSTMSDGWRFEQLVNIGSSYNYGSEDQAEFLCVVSKELHSTPNGLSSESSRKTKSTEEQL EEQQQQEEEVEEVEVEQVQVEADAQEKGSRPHPLRPEAELAVRASPRPLARPQSCHPCCYKPEAPGCEAP DHLQGLGVPI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	33.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_078957
Locus ID:	79734

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UniProt ID: Q8N5Z5

RefSeq Size: 1707

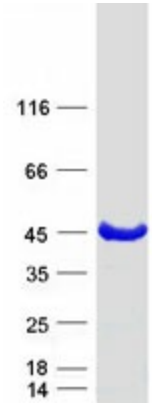
Cytogenetics: 22q12.3

RefSeq ORF: 870

Summary: This gene encodes a protein that belongs to a conserved family of potassium channel tetramerization domain (KCTD)-containing proteins. The encoded protein functions in ciliogenesis by acting as a substrate adaptor for the cullin3-based ubiquitin-conjugating enzyme E3 ligase, and targets trichoplein, a keratin-binding protein, for degradation via polyubiquitinylation. A mutation in this gene is associated with autosomal dominant myoclonic dystonia 26. [provided by RefSeq, Nov 2016]

Protein Families: Ion Channels: Other

Product images:



Coomassie blue staining of purified KCTD17 protein (Cat# [TP306070]). The protein was produced from HEK293T cells transfected with KCTD17 cDNA clone (Cat# [RC206070]) using MegaTran 2.0 (Cat# [TT210002]).