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Product datasheet for TP519998

Kctd21 (NM_001039039) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse potassium channel tetramerisation domain containing 21 (Kctd21), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR219998 protein sequence Red=Cloning site Green=Tags(s) MSDPITLNVGGKLYTTSLATLTSFPDSMLGAMFSGKMPTKRDSQGNCFIDRDGKVFRYILNFLRTSHLDL PEDFQEMGLLRREADFYQVQPLIEALQEKEVELSKAEKNAMLNITLKQRVQTVHFTVREAPQIYSLSSSS MEVFNANIFSTSCLFLKLLGSKLFYCSNGNLSSITSHLQDPNHLTLDWVANVEGLPEEEYTKQNLKRLWV VPANKQINSFQVFVEEVLKIALSDGFCIDSSHPHALDFMNNKIIRLIRYR TRTRPLEQKLISEEDLAANDILDYKDDDDKV	
Tag:	C-MYC/DDK
Predicted MW:	29.7 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
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 after receiving vials.
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_001034128
Locus ID:	622320
UniProt ID:	Q3URF8
RefSeq Size:	2975

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Cytogenetics:	7 E1
RefSeq ORF:	780
Synonyms:	EG622320
Summary:	Probable substrate-specific adapter of a BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex mediating the ubiquitination and subsequent proteasomal degradation of target proteins. Promotes the ubiquitination of HDAC1. Can function as antagonist of the Hedgehog pathway by affecting the nuclear transfer of transcription factor GLI1; the function probably occurs via HDAC1 down-regulation, keeping GLI1 acetylated and inactive. Inhibits cell growth and tumorigenicity of medulloblastoma (MDB).[UniProtKB/Swiss-Prot Function]