

Recombinant Mouse Kctd21 Protein, Myc/DDK-tagged

Cat. No. Kctd21-3671M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length potassium channel tetramerisation domain containing 21 (Kctd21), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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).
Molecular Mass	29.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

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Concentration >50 µg/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Kctd21 potassium channel tetramerisation domain containing 21 [Mus musculus (house mouse)]

Official Symbol Kctd21

Synonyms KCTD21; potassium channel tetramerisation domain containing 21; BTB/POZ domain-containing protein KCTD21; K⁺ channel tetramerisation/BTB/POZ/BTB domain profile containing protein; EG622320

Gene ID 622320

mRNA Refseq NM_001039039

Protein Refseq NP_001034128

UniProt ID Q3URF8

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