

## Product datasheet for **TP329837M**

### **KCTD7 (NM\_001167961) Human Recombinant Protein**

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human potassium channel tetramerisation domain containing 7 (KCTD7), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC229837 representing NM_001167961 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MVVVTGREPDSRRQDGAMSSSDAEDDFLEPATPTATQAGHALPLLPQEFPEVWPLNIGGAHFTRLSTLR CYEDTMLAAMFSGRHYIPTDSEGRYFIDRDGTHFGDVLNFLRSGDLPPRERVRAVYKEAQYYAIGPLLEQ LENMQPLKGEKVRQAFLGLMPYYKDHLEIRIVEIARLRAVQRKARFAKLKVCVFKEEMPITPYECPLNLSL RFRSESDGQLFEHHCEVDVSFGPWAEVADVVDLLHCLVTDLSAQGLTVDHQIGVCDKHLVNHYYCKRP IYEFKITW
	<b>TR</b> TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	33.4
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:	NULL or Add: Recombinant proteins 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:	<u><a href="#">NP_001161433</a></u>
Locus ID:	154881



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UniProt ID: [Q96MP8](#)

Cytogenetics: 7q11.21

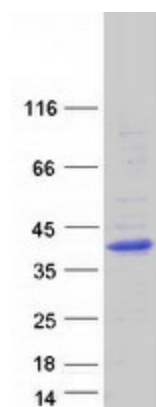
RefSeq ORF: 864

Synonyms: CLN14; EPM3

**Summary:** This gene encodes a member of the potassium channel tetramerization domain-containing protein family. Family members are identified on a structural basis and contain an amino-terminal domain similar to the T1 domain present in the voltage-gated potassium channel. Mutations in this gene have been associated with progressive myoclonic epilepsy-3. Alternative splicing results in multiple transcript variants.[provided by RefSeq, Jan 2011]

**Protein Families:** Ion Channels: Other

### Product images:



Coomassie blue staining of purified KCTD7 protein (Cat# [TP329837]). The protein was produced from HEK293T cells transfected with KCTD7 cDNA clone (Cat# [RC229837]) using MegaTran 2.0 (Cat# [TT210002]).