

## Recombinant Human KCTD3 Protein, MYC/DDK-tagged

Cat. No. KCTD3-353H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human KCTD3 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	This gene encodes a member of the potassium channel tetramerization-domain containing (KCTD) protein family. Members of this protein family regulate the biophysical characteristics of ion channels. In mouse, this protein interacts with hyperpolarization-activated cyclic nucleotide-gated channel complex 3 and enhances its cell surface expression and current density. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2016].
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
<b>Molecular Mass</b>	88.8 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

<b>Gene Name</b>	potassium channel tetramerization domain containing 3 [ Homo sapiens ]
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<b>Official Symbol</b>	KCTD3
<b>Synonyms</b>	NY-REN-45; NY-REN-45
<b>Gene ID</b>	51133
<b>mRNA Refseq</b>	NM_016121.3
<b>Protein Refseq</b>	NP_057205.2
<b>MIM</b>	613272
<b>UniProt ID</b>	Q9Y597

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