

Recombinant Human KCTD4

Cat. No. KCTD4-28457TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human KCTD4 produced in <i>Saccharomyces cerevisiae</i> ; 259 amino acids, MWt 30kDa. Protein is tagged with 26 kDa proprietary tag.
Species	Human
Description	KCTD4 contains a potassium channel tetramerisation domain. The N terminal, cytoplasmic tetramerisation domain (T1) of voltage-gated potassium channels encodes molecular determinants for subfamily specific assembly of alpha subunits into functional tetrameric channels. The specific function of KCTD4 is unknown.
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 30% Glycerol, 0.5% Triton-X-100, 50mM HEPES, 30mM Glutathione, 100mM Sodium chloride, 1mM DTT, pH 7.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Sequences of amino acids	MERKINRREKEKEYEGKHNSLEDTDQGKNCKSTLMTLNVG GYLYITQKQTLTKYPD TFLEGIVNGKILCPFDADGHYF IDR DGLLFRHVLNFLRNGELLPEGFRENQLLAQEA EFFQLKGLAAEEVKSRWEKEQLTPRETTFLEITDNHDRSQGLR IFCNAPDFISKIKSRI VLVSKSRLDGFPEEFSISSNII QFKYFIKSENGTRLVLKEDNTFVCTLETCLKFEAIMMA LKCGFRLTSLDCSKGSIVHSDALHFIK

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Full Length Full L.

GENE INFORMATION

Gene Name	KCTD4 potassium channel tetramerisation domain containing 4 [Homo sapiens]
Official Symbol	KCTD4
Synonyms	KCTD4; potassium channel tetramerisation domain containing 4; BTB/POZ domain-containing protein KCTD4; bA321C24.3;
Gene ID	386618
mRNA Refseq	NM_198404
Protein Refseq	NP_940686
Uniprot ID	Q8WVF5
Chromosome Location	13q14.12-q14.13
Function	voltage-gated potassium channel activity;

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