

Product datasheet for **TP761995**

KCNT2 (NM_198503) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human potassium channel, subfamily T, member 2 (KCNT2), Gly957-Arg1012, with N-terminal His-ABP tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region(Gly957-Arg1012)of KCNT2
Tag:	N-His-ABP (Albumin-Binding Protein)
Predicted MW:	21.5 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, pH 8.0, 150 mM NaCl, 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.
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_940905
Locus ID:	343450
UniProt ID:	Q6UVM3 , A9LNM6
RefSeq Size:	5909
Cytogenetics:	1q31.3
RefSeq ORF:	3405
Synonyms:	EIEE57; KCa4.2; SLICK; SLO2.1



[View online »](#)

Summary:

Outward rectifying potassium channel. Produces rapidly activating outward rectifier K(+) currents. Activated by high intracellular sodium and chloride levels (PubMed:14684870, PubMed:16687497, PubMed:29069600). Channel activity is inhibited by ATP and by inhalation anesthetics, such as isoflurane (PubMed:16687497) (By similarity). Inhibited upon stimulation of G-protein coupled receptors, such as CHRM1 and GRM1 (PubMed:16687497). [UniProtKB/Swiss-Prot Function]

Protein Families:

Druggable Genome, Ion Channels: Potassium, Transmembrane

Product images: