

Potassium Channel Tetramerisation Domain Containing 5 Human Re-

Item Number	rAP-3503
Synonyms	BTB/POZ domain-containing protein KCTD5, KCTD5.
Description	KCTD5 Human Recombinant produced in E. coli is a single polypeptide chain containing 257 amino acids (1-234) and having a molecular mass of 28.5 kDa. KCTD5 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9NXV2
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSMANHC E LLSPARGGIG AGLGGGLCRR CSAGLGALAQ RPGSVSKWVR LNVGGTYFLT TRQTLCDPK SFLYRLCQAD PDLSDKDET GAYLIDRDPT YFGPVL- NYLR HGKLVINKDL AEEGVLEEAE FYNITSLIKL VKDKIRERDS KTSQVPVKHV YRVLQCQEEE LTQMVSTMSD GWKFEQLVSI GSSYNYGNE D QAEFLCVVSK ELHNTPYGTA SEPSEKAKIL QERGSRM
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The KCTD5 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 40% glycerol and 1mM DTT. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**