

## 32-4043: Recombinant Human Potassium Channel Tetramerisation Domain Containing 5

**Alternative Name :** BTB/POZ domain-containing protein KCTD5,KCTD5.

### Description

Source : E.coli. 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. BTB/POZ domain-containing protein KCTD5 (KCTD5), is a 234 amino acid protein which localizes mainly in the cytoplasm however translocates to the nucleus on interaction with REP proteins. The expression of KCTD5 is up regulated post-transcriptionally in peripheral blood lymphocytes stimulated via the T-cell receptor. KCTD5 interacts particularly with cullin3, attaches ubiquitinated proteins, and created oligomers through its BTB domain.

### Product Info

<b>Amount :</b>	10 µg
<b>Purification :</b>	Greater than 90% as determined by SDS-PAGE.
<b>Content :</b>	The KCTD5 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 40% glycerol and 1mM DTT.
<b>Storage condition :</b>	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.
<b>Amino Acid :</b>	MGSSHHHHHH SSSLVPRGSH MGSMAENHCE LLSPARGGIG AGLGGGLCRR CSAGLGALAQ RPGSVSKWVR LNVGGTYFLT TRQTLCRDPK SFLYRLCQAD PDLSDKDET GAYLIDRDPT YFGPVLNYLR HGKLVINKDL AEEGVLEEAE FYNITSLIKL VKDKIRERDS KTSQVPVKHV YRVLQCQEEE LTQMVSTMSD GWKFEQLVSI GSSYNYGNED QAEFLCVVSK ELHNTPYGTA SEPSEKAKIL QERGSRM

