

32-4042: Recombinant Human Potassium Channel Tetramerisation Domain Containing 4

Alternative Name : Potassium Channel Tetramerization Domain Containing 4, Potassium Channel Tetramerisation Domain Containing 4, bA321C24.3, BTB/POZ Domain-Containing Protein KCTD4.

Description

Source : Escherichia Coli. KCTD4 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 282 amino acids (1-259 a.a) and having a molecular mass of 32.4kDa. KCTD4 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. KCTD4 also known as Potassium Channel Tetramerisation Domain Containing 4 has an N-terminal homodimerization domain which contains multiple copies of kelch repeats and C2H2-type zinc fingers. Proteins which include BTB domains are considered being involved in transcriptional regulation through control of chromatin structure and function. In addition, KCTD4 is a 259 amino acid protein which contains one BTB domain, a possible role as a transcriptional regulator may be suggested.

Product Info

Amount : 10 µg
Purification : "Greater than 85% as determined by SDS-PAGE."
Content : KCTD4 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 40% glycerol and 1mM DTT.
Storage condition : 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). Please avoid freeze thaw cycles.
Amino Acid : MGSSHHHHHH SSSLVPRGSH MGSMERKINR REKEKEYEGK HNSLEDDTQK KNCKSTLMTL NVGGYLYITQ KQTLTKYPDT FLEGIVNGKI LCPFDADGHY FIDRDGLLFR HVLNFLRNGE LLLPEGFREN QLLAQEAFF QLKGLAEVVK SRWEKEQLTP RETTFLEITD NHDRSQGLRI FCNAPDFISK IKSRIVLVSK SRLDGFPEEF SISSNIIQFK YFIKSENGTR LVLKEDNTFV CTLETLKFEA IMMALKCGFR LLTSLDCSKG SIVHSDALHF IK