ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Potassium Channel Tetramerisation Domain Containing 4 Human Re-

Item Number	rAP-3505
Synonyms	Potassium Channel Tetramerization Domain Containing 4, Potassium Channel Tetramerisation Domain Containing 4, bA321C24.3, BTB/POZ Domain-Containing Protein KCTD4.
Description	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.
Uniprot Accesion Number	Q8WVF5
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMERKINR REKEKEYEGK HNSLEDTDQG KNCKSTLMTL NVG-GYLYITQ KQTLTKYPDT FLEGIVNGKI LCPFDADGHY FIDRDGLLFR HVLNFLRNGE LLLPEGFREN QLLAQEAEFF QLKGLAEEVK SRWEKEQLTP RETTFLEITD NHDRSQGLRI FCNAPDFISK IKSRIVLVSK SRLDGFPEEF SISSNIIQFK YFIKSENGTR LVLKEDNTFV CTLETLKFEA IMMALKCGFR LLTSLDCSKG SIVHSDALHF IK
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear 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).Please avoid freeze thaw cycles.
Formulation and Purity	KCTD4 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 40% glycerol and 1mM DTT. Greater than 85% 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