

## Potassium Channel Tetramerisation Domain Containing 15 Human Re-

<b>Item Number</b>	rAP-3502
<b>Synonyms</b>	BTB/POZ domain-containing protein KCTD15, Potassium channel tetramerisation domain containing 15, KCTD15, MGC2628, MGC25497.
<b>Description</b>	KCTD15 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 254 amino acids (1-234 a.a) and having a molecular mass of 28.6kDa. KCTD15 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	Q96SI1
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MPHRKERPSG SSLHTHGSTG TAEGGNMSRL SLTRSPVSPL AAQGIPLPAQ LTKSNAPVHI DVGSHMYTSS LATLTYPDS RISRLFNGTE PIVLDSLQKH YFIDRDGEIF RYVLSFLRTS KLLLPDDFKD FSLLYEEARY YQLQPMVREL ERWQQEQEQR RRSRACDCLV VRVTPDLGER IALSGEKALI EEVFPETGDV MCNSVNAGWN QDPTHVIRFP LNGYCRLNSV QDVL.
<b>Source</b>	E.coli.
<b>Physical Appearance and Stability</b>	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.
<b>Formulation and Purity</b>	KCTD15 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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**