

## TBC1 Domain Family, Member 13 Human Recombinant

<b>Item Number</b>	rAP-4932
<b>Synonyms</b>	RP11-545E17.5, TBC1 domain family member 13, Tumor Suppressor Candidate 2, TBC1D13.
<b>Description</b>	TBC1D13 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 423 amino acids (1-400) and having a molecular mass of 48.9 kDa. TBC1D13 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	Q9NVG8
<b>Amino Acid Sequence</b>	MGSSHHHHH SSGLVPRGSH MGSMSLLHKS RIADFQDVLK EPSIALEKLR ELSFSGIPCE GGLR- CLCWKI LLNYLPLERA SWTSILAKQR ELYAQFLREM IIQPGIAKAN MGVSREDVTF EDHPLNPNPD SRWNTYFKDN EVLLQIDKDV RRLCPDISFF QRATDYPCLL ILDPQNEFET LRKRVEQTTL KSQT- VARNRS GVTNMSSPHK NSVPSSLNEY EVLPNGCEAH WEVVERILFI YAKLNPGIAY VQGMNEIVGP LYYTFATDPN SEWKEHAEAD TFFCFTNLMA EIRDNFIKSL DDSQCGITYK MEKVYSTLKD KDVELYLKIQ EQNIKPQFFA FRWLTLTLLSQ EFLLPDVIRI WDSLFADDNR FDFLLLVCCA MLMLIREQLL EGDFTVNMRL
<b>Source</b>	Escherichia 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>	The TBC1D13 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT. Greater than 95.0% 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**