

Tubulin Polyglutamylase Complex Subunit 2 Human Recombinant

Item Number	rAP-4019
Synonyms	Tubulin polyglutamylase complex subunit 2, C18orf10; HMFN0601, HsT3006, L17, PGs2, TPGS2.
Description	TPGS2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 323 amino acids (1-300) and having a molecular mass of 35.7kDa. TPGS2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q68CL5
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSMEEEASS PGLGCSKPHL EKLT LGITRI LESSPGVTEV TII EK-PPAER HMISSWEQKN NCVMPEDVKN FYLMTNGFHM TWSVKLDEHI IPLGSMAINS ISKLTQLTQS SMYSLPNAPT LADLEDDTHE ASDDQPEKPH FDSRSVIFEL DSCNGSGKVC LVYKSGKPAL AEDTEI-WFLD RALYWHLTD TFTAYYRLI THLGLPQWQY AFTSYGISPQ AKQWFSMYKP ITYNTNLLTE ETDSFVNKLD PSKVFKSKNK VIPKKKGPV QPAGGQKGPS GPSGPSTSST SKSSSGSGNP TRK.
Source	Escherichia Coli.
Physical Appearance and Stability	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.
Formulation and Purity	The TPGS2 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 50% glycerol, 2mM DTT and 2mM EDTA. Greater than 85.0% 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**