
Product Data Sheet

Product Name: TPGS2 Human
 Cat. No.: GP24863
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Tubulin polyglutamylase complex subunit 2; C18orf10; HMFN0601; HsT3006; L17; PGs2; TPGS2.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMEEEASS PGLGCSKPHL EKLTLGITRI LESSPGVTEV TIIKPPAER HMISSWEQKN NCVMPEDVKN FYLMTNGFHM TWSVKLDEHI IPLGSMAINS ISKLTQLTQS SMYSLPNAPT LADLEDDTHE ASDDQPEKPH FDSRSVIFEL DSCNGSGKVC LVKSGKPAL AEDTEIWFLD RALYWHFLTD TFTAYYRLLI THLGLPQWQY AFTSYGISPQ AKQWFSMYKP ITYNTNLLTE ETDSFVNKLD PSKVFKSKNK IVIPKKKGPV QPAGGQKGPS GPSGPSTSST SKSSSGSGNP TRK.		
Formulation	The TPGS2 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 50% glycerol, 2mM DTT and 2mM EDTA.		

Introduction

Tubulin Polyglutamylase Complex Subunit 2 (TPGS2) is a component of the neuronal polyglutamylase complex, which takes part in post-translational addition of glutamate residues to C-terminal tubulin tails. Alternatively spliced transcript variants encoding multiple isoforms have been monitored for TPGS2.

Stability

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.

Background

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

Caution: Product has not been fully validated for medical applications. For research use only.

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35.7kDa.TPGS2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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