9051 Mira Mesa Blvd, #910094
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TPGS2 Human

Tubulin Polyglutamylase Complex Subunit 2 Human Recombinant
RCP2416

Product Overview

Name	TPGS2 Human

Description

Tubulin Polyglutamylase Complex Subunit 2 Human Recombinant

Accession (Primary)	Q68CL5

Synonyms

Tubulin polyglutamylase complex subunit 2, C18orf10; HMFN0601, HsT3006, L17, PGs2, TPGS2.

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.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered colorless solution.

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.

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.

Purity

Greater than 85.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS MEEEASS PGLGCSKPHL EKLTLGITRI LESSPGVTEV TIIEKPPAER HMISSWEQKN NCVMPEDVKN FYLMTNGFHM TWSVKLDEHI IPLGSMAINS ISKLTQLTQS SMYSLPNAPT LADLEDDTHE ASDDQPEKPH FDSRSVIFEL DSCNGSGKVC LVYKSGKPAL AEDTEIWFLD RALYWHFLTD TFTAYYRLLI THLGLPQWQY AFTSYGISPQ AKQWFSMYKP ITYNTNLLTE ETDSFVNKLD PSKVFKSKNK IVIPKKKGPV QPAGGQKGPS GPSGPSTSST SKSSSGSGNP TRK.

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Precautions

TPGS2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q68CL5)