

## Recombinant Human TPGS2, His-tagged

Cat. No. TPGS2-2283H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human TPGS2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	323aa
<b>Description</b>	TPGS2 is a protein that is a component of the neuronal polyglutamylase complex, which plays a role in post-translational addition of glutamate residues to C-terminal tubulin tails. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
<b>Form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 2mM DTT, 2mM EDTA
<b>Molecular Mass</b>	35.7kDa
<b>AA Sequence</b>	MGSSHHHHHH SGLVPRGSH MGSMEEEASS PGLGCSKPHL EKLT LGITRI LESSPGVTEV TIEKPPAER HMISSWEQKN NCVMPEDVKNFYLM TNGFHM TWSVKLDEHI IPLGSMAINS ISKLTQLTQS SMYSLPNAPT LADLEDDTHE ASDDQPEKPH FDSRSVIFEL DSCNGSGKVCLVYKSGKPAL AEDTEIWFLD RALYWHFLTD TFTA YRLLI THLGLPQWQY AFTSYGISPQ AKQWFSMYKP ITYNTNLLTE ETDSFVNKLDPSKVFKSKNK IVIPKKKGPV QPAGGQKGPS

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GPSGPSTSST SKSSSGSGNP TRK

**Purity** >85% by SDS - PAGE

**Applications** SDS-PAGE

**Storage** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

**Concentration** 0.25 mg/ml

## GENE INFORMATION

**Gene Name** [TPGS2 tubulin polyglutamylase complex subunit 2 \[ Homo sapiens \(human\) \]](#)

**Official Symbol** TPGS2

**Synonyms** L17; PGs2; C18orf10; HMFN0601; tubulin polyglutamylase complex subunit 2; TPGS2

**Gene ID** [25941](#)

**mRNA Refseq** [NM\\_001271949.1](#)

**Protein Refseq** [NP\\_001258878.1](#)

**UniProt ID** [Q68CL5](#)

**Chromosome Location** 18q12.2

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