

Recombinant Human TPGS2, His-tagged

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

SPECIFICATION

Product Overview	Recombinant human TPGS2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	323aa
Description	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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 2mM DTT, 2mM EDTA
Molecular Mass	35.7kDa
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMEEEASS PGLGCSKPHL EKLTLGITRI LESSPGVTEV TIEKPPAER HMISSWEQKN NCVMPEDVKNFYLMTNGFHM TWSVKLDEHI IPLGSMAINS ISKLTQLTQS SMYSLPNAPT LADLEDDTHE ASDDQPEKPH FDSRSVIFEL DSCNGSGKVCLVYKSGKPAL AEDTEIWFLD RALYWHFLTD TFTAYYRLLI 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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