

TPGS2, 1-300aa, Human, His tag, E.coli

Cat.NO.: TP04280

3th Edition

Synonyms:tubulin polyglutamylase complex subunit 2, C18orf10; HMFN0601, HsT3006, L17, PGs2

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. Recombinant human TPGS2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 2mM DTT, 2mM EDTA

Molecular Weight:35.7kDa (323aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMEEEEASSPGLGCSKPHLEKLTGITRILESSPGVTEVTIIEKPPAERHMISSW
EQKNNCVMPEDEVKNFYLMTNGFHMTWSVKLDEHIPLGSMAINSISKLTQLTQSSMYSLPNAPTADLEDDTHEASD
DQPEKPHFDSRSVIFELDSNGSGKVCLVYKSGKPALAEDTEIWFLDRALYWHFLTDTFTAYYRLLITHLGLPQWQY
AFTSYGISPQAKQWFSMYKPITYNTNLLTEETDSFVNKLDPKVFKSKNKIVIPKKKGPVQPAGGQKGPSGPGSPST
SSTSKSSSGSGNPTRK

Purity:> 95% by HPLC

Concentration:0.25 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.