

Datasheet for ABIN6387270
TPGS2 Protein (AA 1-300) (His tag)



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1 Image

Overview

Quantity:	100 µg
Target:	TPGS2 (C18orf10)
Protein Characteristics:	AA 1-300
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This TPGS2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence: MGSSHHHHHH SSSLVPRGSH MGSMEEEASS PGLGCSKPHL EKLT LGITRI 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

Purity: > 85 % by SDS - PAGE

Target Details

Target:	TPGS2 (C18orf10)
Alternative Name:	TPGS2 (C18orf10 Products)

Target Details

Background: 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.

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

NCBI Accession: [NP_056291](#)

UniProt: [Q68CL5](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

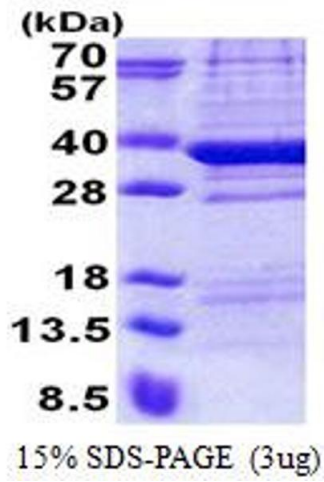
Format: Liquid

Concentration: 0.25 mg/mL

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

Storage: 4 °C,-20 °C,-80 °C

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



SDS-PAGE

Image 1.