

Product datasheet for **TP302270M**

GPN2 (NM_018066) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human GPN-loop GTPase 2 (GPN2), 100 µg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC202270 protein sequence
Red=Cloning site **Green**=Tags(s)

MAGAAPTTAFGQAVIGPPGSGKTTYCLGMSEFLRALGRRVAVVNLDPANEGLPYECAVDVGGELVGLGDVM
DALRLGPNGLLYCMEYLEANLDWLRKLDPLRGHYFLFDCPGQVELCTHHGALRSIFSQMAQWDLRLTA
VHLVDSHYCTDPAKFISVLCTSLATMLHVELPHINLLSKMDLIEHYGKLAFLNDYYTEVLDLSYLLDHLA
SDPFFRHYRQLNEKLVRLIEDYSLVSFIPLNIQDKESIQRVLQAVDKANGYCFGAQEQRSLAMMSAAMG
ADFHFSSTLGIQEKYLAPSNQSVEQEAMQL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 34.4 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_060536](#)

Locus ID: 54707



[View online »](#)

UniProt ID: [Q9H9Y4](#)

RefSeq Size: 1510

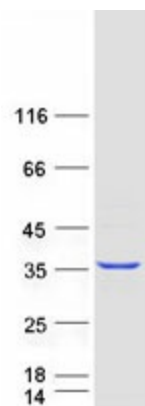
Cytogenetics: 1p36.11

RefSeq ORF: 930

Synonyms: ATPBD1B

Summary: Small GTPase required for proper localization of RNA polymerase II and III (RNAPII and RNAPIII). May act at an RNAP assembly step prior to nuclear import.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified GPN2 protein (Cat# [TP302270]). The protein was produced from HEK293T cells transfected with GPN2 cDNA clone (Cat# [RC202270]) using MegaTran 2.0 (Cat# [TT210002]).