

Product datasheet for **SC324069**

GPN2 (NM_018066) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: GPN2 (NM_018066) Human Untagged Clone
Tag: Tag Free
Symbol: GPN2
Synonyms: ATPBD1B
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_018066.3
CACGGTCTCAGCTGTTCCGCCTGAGGCGAGTGACGCTGGCCGCCAACGAGGTATACGTAC
TGGGACTCTCGCCCTCAGTCTCGTCTCCGGCGCGGCTACCTGCCCGTTTTCCCTGTGAG
TTGACCTGCTCCGGGCCGCGGGCCGCAATGGCAGGGGCCGCTCCGACCACGGCCTTCGG
GCAGGCGGTGATCGGCCCGGGTTCAGGGAAGACCACGTAAGTCCGCTGGGCATGAGTGA
GTTCTGCGCGCCTGGGCCGGCGCTGGCGGTGGTGAACCTGGACCCGCCAACGAGGG
GCTGCCGTACGAGTGTGCCGTGGACGTGGGCGAGCTGGTGGGCTGGGCGACGTGATGGA
CGCGCTGCGCCTGGGGCCAACGGCGCCTGCTCTACTGCATGGAGTACCTGGAAGCCAA
CCTGGACTGGCTGCGTGCCAAGCTCGACCCCTCCGGGCCACTACTTCTCTTCGACTG
CCCAGGCCAGGTGGAGCTCTGCACGCATCACGGCGCCTTGCGCAGCATCTTCTCCCAAAT
GGCGCAGTGGGACCTCAGGCTGACTGCCGTCCACCTCGTGGATTCTCACTACTGCACAGA
CCCTGCCAAGTTCAATTCAGTACTGTGTACCTCCCTGGCCACCATGCTGCACGTGGAAC
GCCCCACATCAACCTCCTTTCCAAGATGGACCTCATTGAGCATTATGGGAAGCTGGCCTT
CAACCTGGACTACTACACAGAGGTTCTGGACCTCTCTACCTGCTTGACCACCTGGCTTC
TGACCCTTTCTCCGCCACTACCGCCAGCTCAATGAGAAGCTAGTGCGGCTCATCGAAGA
CTATAGCCTTGTCTCCTTTATCCCTCTCAACATCCAGGACAAGGAGAGCATCCAGCGAGT
CCTGCAGGCTGTGGATAAAGCCAATGGATACTGTTTCGGAGCCCAAGAGCAGCGAAGCTT
GGAAGCCATGATGTCTGCCGCAATGGGAGCCGACTTCCATTTCTTTCCACACTGGGCAT
CCAGGAGAAGTACCTGGCACCTCGAACCCAGTCAAGTGGAGCAGGAAGCCATGCAGCTGTA
GCAACAAGGTGGACCCTGGAGAGCAGGATGCATAATCCAGCACTGGGAAAGTGGAGGCT
CCTGATGCAGGCTGCAGACCCAAAGCAAGTCCCTCCAGCCAGAGCTGGCGGGCTGGCAA
GGGGATATTCAGCTCTGCAAAGGACTTCTGGCCAAAAGCCAGACATGGTGCCAAGCAGA
ACACCCCCATACTGTCAGTGGTGTCCGTGAGCTCTGGGCCCTGCCACCAGAAAGTCGAG
CACTGGTCTAGTCAGGCTGTGATGAAATGTGCTACAATACAAGAGTTTATTTTCTAAAA
AAAAAAAAAAAAAAAAAAAA

Restriction Sites: ECoRI-NOT



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ACCN:	NM_018066
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_018066.3</u> , <u>NP_060536.3</u>
RefSeq Size:	1510 bp
RefSeq ORF:	933 bp
Locus ID:	54707
UniProt ID:	<u>Q9H9Y4</u>
Cytogenetics:	1p36.11
Domains:	ATP-bind
Gene 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]