

Product datasheet for **MC212054**

Gpn2 (NM_133884) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gpn2 (NM_133884) Mouse Untagged Clone
Tag: Tag Free
Symbol: Gpn2
Synonyms: A1838661; Atpbd1b; R74630
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC212054 representing NM_133884
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGGGGGCCGCCCGACTACGGCCTTCGGGCAGGCAGTGATCGGGCCCCGGGCTCGGGGAAGACCA
CGTACTGCCTGGGCATGAGTGAGTTCCTGCGCGCTCTGGGGCGGCGCTGGCGGTGGTGAACCTGGACCC
CGCTAACGACGGACTGCCTTACGAGTGTGCGGTGGACGTGGGCGAGCTGGTGGGGCTGGGCACGTGATG
GACGCGCTGCGCCTGGGGCCCAACGGTGGCCTGCTCTACTGCATGGAGTACCTGGAAGCCAACCTGGACT
GGCTGCGCGCCAAGCTGGAGCCCTGCGAGGCCACTACTTCTCTTCGACTGCCCGGCCAGGTGGAGCT
CTGCACGCACCACCGCCCTACGAGCATCTTCTCCAAATGGCCCAGTGGGACCTCAGGCTGACTGCT
GTCCACCTTGTGGATTCTCACTACTGCACAGCCAGCCAAGTTCATCTCCGTCCTGTGTACCTCCCTGG
CCACCATGCTGCACGTGGAATTGCCCCACATCAACCTCCTCTCCAAGATGGACCTTATTGAACACTATGG
GAAGCTGGCCTTCAACCTGGACTACTACGAGGTCCTGGACCTTTCCTACCTGCTTGAGCACCTGGCG
TCTGACCCTTCTCCGGCGCTACCGACAGCTCAATGAGAAGCTGGTGCAGCTGGTGAAGACTACAGCC
TGGTCTCCTTCATCCCCCTGAACATCCAGGACAAGGACAGCATCCAGCGAGTCTTACAGGCTGTGGATAA
AGCTAATGGCTACTGTTTTGGGGTTCAAGAGCAGCGAAGCCTGGAAGCCATGATGTCCGCTGCAATGGGA
GCTGATTTTCACTTCTCCTCCACTCTGGGCATCCAGGAGAAGTACTTAGCACCCCTCGGAGCAGACCCGAG
AGCAGGAAGCCATGCAGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_133884



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Insert Size:	933 bp
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).
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:	NM_133884.2 , NP_598645.2
RefSeq Size:	1356 bp
RefSeq ORF:	933 bp
Locus ID:	100210
UniProt ID:	Q8VEJ1
Cytogenetics:	4 D2.3
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>