

Product datasheet for **RN211584**

Gpn1 (NM_001127572) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gpn1 (NM_001127572) Rat Untagged Clone
Tag: Tag Free
Symbol: Gpn1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN211584 representing NM_001127572
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGGCGCCCGGGCTCTGCCGAGCCCCAGGCTTCGGGGCTCCGGAGCTCCCCGTGTGTCTGTTGG
TGTTGGGAATGGCGGGATCCGGGAAAACACCTTTGTACAGAGGCTCACAGGACACCTGCACAACAAGG
CTGTCCACCATAATGTAATCAATCTGGACCCGGCTGTGCATGAAGTCCCTTTCCCGCCAATATTGATATT
CGAGACACAGTGAAGTACAAAGAAGTCATGAAGCAATATGGACTTGGGCCAAACGGCGGCATAGTGACCT
CCCTCAACCTCTTCGCTACCAAGTTTGATCAGGTGATGAAATTTATTGAGAAGGCCCAGAACACATTGAG
ATATGTCTTGATTGACACACCCGGACAGATTGAAGTATTACCTGGTCAGCTTCGGGGACAATCATCACT
GAGGCCCTGGCATCCTCCTTTCCAACAGTGGTCATCTATGTCATGGACACGTCTCGGAGCACTAACCCAG
TGACCTTCATGTCCAATATGCTTTATGCATGCAGCATCTGTACAAAACCAAGCTGCCTTTCATTGTGGT
CATGAACAAAACGGACATCATTGACCACAGCTTTCAGTCGAGTGGATGCAGGATTTTGAGGCTTCCAG
GATGCCTTGAACCAAGAGACGACCTACGTCAGTAACCTGACTCGTTCATGAGCCTGGTGTAGATGAGT
TCTACAGCTCACTCAGGGTGGTGGTGTCTCTGCTGTGGTGGGCACCGGCTTCGATGAACCTGTGTCTCA
GGTCACCAGTGTGCAGAGGAGTACGAAAGGGAATATCGTCTGAATATGAGCGTCTGAAGAAATCACTG
GCCAGTGGCCAGAGTAATGAGCAGAAGGAGCAACTAGAGCGTCTTCGGAAGGACATGGGCTCCATAGCCC
TGGACCCAGGGGCCAGCACAGACGGTGCATCTCCTGTGCTGGACCCTTCTGACTTGATCCTGACTCGAGG
AACCTTGGATGAGGAGGATGAGGAAGCCGACAGTACACTGACGACATTGATCACCGAGTTACAGAGGAA
AGCCGTGAAGAGCCAGCGTTCCAGAAGTTCATGCAGGAATCAATCGCACAGCACTGGAAGAGAAACAAGT
AG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001127572



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| | |
|-------------------------------|---|
| Insert Size: | 1122 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: | <u>NM_001127572.1</u> , <u>NP_001121044.1</u> |
| RefSeq Size: | 1694 bp |
| RefSeq ORF: | 1122 bp |
| Locus ID: | 688393 |
| Cytogenetics: | 6q14 |