

## Product datasheet for **RR202527**

### Gpx8 (NM\_001106411) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Gpx8 (NM\_001106411) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Gpx8  
**Synonyms:** RGD1307506  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR202527 representing NM\_001106411  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGC**C

ATGGAGCCTCTCGGTGCCTACCCACTAAAATGTTCCGGGCCAAAGCAAAGATATTTGCAGTTTTGCTAT  
 CTATGGTCTGTGCACCGTGATGCTTTTTCTCCTTCAGTAAAATTCCTGAAGCCGAGAATCAACAGCTT  
 CTACTCCTTTGAAGTGAAGGATGCCAAAGGAAGGATGGTGTCTCTGAAAAAGTTCAAAGGCAAAGCTTCC  
 CTAGTTGTAAACGTGGCTAGTGACTGCCGGTTCACAGACAAGAGTTACGAGACCCCTCAGGGAGCTGCACA  
 AGGAGTTTGGGCCCTATCACTTCAACGTCTGGCTTTCCCGTGCAATCAGTTTGGAGAATCGGAGCCCAA  
 GTCCAGCAAGGAGGTAGAATCTTTTGAAGAAAAAACTACGGAGTCAATTCCCCATCTCCACAAGATT  
 AAGATTTTAGGGCCGGAAGCAGAACCCTGCGTTTAGATTTCTTGTGATTCTTCCAAGAAGGAACCAAGGT  
 GGAACCTTTGGAAGTATCTGGTCAACCCTGAGGGACAAGTCGTGAAGTTCTGGAGGCCAGAAGAACCCTT  
 TGAAGCCATCAGACCTCATGTGTCAAAATGATTGGGCAAATCATTCTTAAAAAGAAAGAGGATCTA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RR202527 representing NM\_001106411  
 Red=Cloning site Green=Tags(s)

MEPLGAYPLKCSGPKAKIFAVLLSMVLCTVMLFLLQLKFLKPRINSFYSEVVKDAKGRMVSLEKFKGKAS  
 LVVNVASDCRFTDKSYETLRELHKEFGPYHFNVLAFCNQFGESEPKSSKEVESFARKNYGVTFFIFHKI  
 KILGPEAEPAFRFLVDSSKKEPRWNFWKYLVNPEGQVVKFWRPEEPLEAIRPHVSMIGQIILKKKEDL

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI



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**Reconstitution Method:**

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\_001106411.1, NP\_001099881.1

**RefSeq Size:** 1062 bp

**RefSeq ORF:** 630 bp

**Locus ID:** 294744

**Cytogenetics:** 2q14

**MW:** 24.1 kDa