

Product datasheet for **RN210070**

Gpx5 (NM_001105738) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Gpx5 (NM_001105738) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Gpx5
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Fully Sequenced ORF: >RN210070 representing NM_001105738
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTATACAGCTAAGAGTCTTCTATCTCGTTCCACTTCTTCTAGCCAGCTATGTGCAGACAACCCCA
 GGCTGGAAAAGATGAAGATGGACTGCTACAAAGATGTGAAAGGCACCATCTACAACACGAGGCTGTGC
 TCTTAATGGGAAGGAACGCATTCATTCAAGCAGTATGCAGGAAAGCATGTCCTTTGTCAATGTGGCT
 ACCTATTGTGGTCTGACAATTCAGTATCCTGAAGTGAATGCAGTCCAGGATGATCTGAAGCAATTTGGCT
 TGGTTATATTGGCTTTCCCTGCAACCAATTTGGAAAGCAAGAACCAGGAGACAATACAGAGATTTCC
 TGGGCTCAAGTATGTTCTCGTCCGGGAAAAGGATTTTACCTAATTTCCAGCTTTTTGCGAAAAGGGGATGTA
 AATGGTAAAAAGAGCAGGAAATCTTTACCTTCTGAAGCGCTCCTGTCCTCACCCCTCAGAGACTGTGG
 TCACAAGCAAACATACATTCTGGGAGCCAATAAAAGTCCATGACATCCGCTGGAACCTTTGAGAAGTTTCT
 GGTGGGACCCAACGGTGTCCCTGTATGCGCTGGTTCCACCAGGCTCCTGTGAGCACTGTCAAGTCTGAC
 ATCCTGGCGTACCTGAATCAATTCAAAACCATA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_001105738
 Insert Size: 666 bp



[View online »](#)

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_001105738.1 , NP_001099208.1
RefSeq Size:	1656 bp
RefSeq ORF:	666 bp
Locus ID:	113919
UniProt ID:	P30710
Cytogenetics:	17q11
Gene Summary:	enzyme that catalyzes the reduction of lipid peroxides; has a role in the hydrogen peroxide scavenging system found within the epididymis [RGD, Feb 2006]