

Product datasheet for **MC221906**

Gprasp2 (NM_001163017) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gprasp2 (NM_001163017) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gprasp2
Synonyms:	5330440H13Rik; GASP-2; GASP2; Prpl5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >MC221906 representing NM_001163017
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGACTGGGGCAGAAGTTGAGACCGGTTCTCAGGCCAAGCCTGATAAGAAGCCTCAGGAAGAGGTGCGAG
 GTGGGGCTGAGAGAGAAAGTGAAGCCCCTCTGGTGGTCAGACCCAAAGTCAGGCCTCAGGCTCCAGCAAC
 AAGTGGTCTAGGCCAAAAGTAAACTAAATCTTCTCTCGGGCAAGGCCTAAAAGTAAACCCAGTCA
 GTGTCTGGAACAAGACACCGAATGAGTGGAGCAAGGCCGAGATCTGAGGCTCAATTAATGTCTGGGGCCA
 GGCCTAAAACCGATGCCAGGGCAGTAGGTGGTCTCGCCCTAAGACTGAGGCCAAGCCAATCCCAGGAGC
 AAGGCCTAAGGGTATGCCAGGCTTGGGCCACAGTGAAGTTGGAGCCGAGGCAATGCCACGTGCTGAG
 AGAGCACACTTACTAATCTGTACATGGCCACCAGTCAATGTTGGTCTGCAACTGTTACTAAATCTA
 AGAGTCTGTCTATGAATACAGAAGTGGCCAGTATGGGTAGTGAATCTTTCTGGCACCCAGGGTACGCC
 TGAATCGAGCCCTGGTTGGACCGAGAGAAGAGGCTAATATGGGTTCTGGTGTATCCCAGGCCCAGA
 GCCAGAGAGGAGACCTCTAATGAGTCTGCAGATGAAAAGTCTACAATGTCTTCTTCTGGACTAGAGAGG
 AGACTAGTATCAGATCATGGCCCAGGGAAGAGGTGAACACTAGGTCCAGGCACAGGGCTAAACATCAGAC
 TAATGCCAGGTCGAAGCCAGATCCAAACAAGATCCCTATATTGATTCTTTGTCTGGGTCCGAGGATGAG
 GCCAGTAACCCATTCTGCTTTTGGGCTGGAGAAAATACTAATGACATGTTTAGGGCCAGAGGCAGGGATG
 AGGCGAATGCCAGACCCAAGATCAGGACAAAGAGAGAGGACTATTTTGAAGATGAAGATGAGATCTATAA
 AGAGTCTGGCTTTTGCCTGGGGAAGAGGGTAATAGATTTAGGCGCCGAGACAAGGAAGAGCCTAATAAG
 ACCTTGAAAAATGAGAACGAAAAAGATGTTAAAAATGATGAAACAGTGAACAAGAGTCCAGGCTTGAGG
 AGGAAGTCATTATTGGGCTCTGGTCTGGGCAGAACAGGAGACTAATGTGGAGGCTTGAGCTTCAGCAAT
 CTGTGACGCTGAACCAAGGGCTGAAGAGGGGCCATTGGTGGATCCCTGTTCTGGACCGAAGAAAAGCCT
 AGTTTGGGGCTGTGGCCAGAGATGAGGTGAGGCTGAGTCTGAAGAAGAGGCACTATTTGGGCTCTGGT
 TTTGGGATAGGGATGAGGCTGCTTTGACCCAAATCCTACTCCTGTGTACACAGCTAAGAGCAGGTACAG
 AGATCCAGAAGAGGATCTTAATTTAGCATCCAGGCCAAAACCTGGGACGAGGTTACCATCGAATTCAAA
 CCTCCTTGCCATGGGCTTGGGTTCCCTTCCCAAGACCTTTATCATTCTGAAGGGCTTCTGAAATA
 GTGAGGAAAAAGCCAAGAATGCAGAGCTTGGCGCAGAGGGGAAGAGCAGGACTCTGTGGCTCAGCGTGA
 TCTTCTGAACCCGAGTTTCCATTTAGTATGATCCCTCTTACCCTCAGTCCAGGAAATTCGCGAGCAT
 CTTAAGGCCAGGAAAGTGCACAGCCAGAGAATGGTCTTGCACCTGCATCCAGTGTGAGCTTAGAATTA
 GTTCTGAGAATTTGAGGAGCTTCTTTACTGATGGACAGGATTCGTGATCCTTTTATCCATGAGATAGC
 TAAGATTGCAATGGGCATGAGAAGTCTTCTCAGTTTACCCGGGATTTTATTTCGCGATTCCGGGTGTTGTC
 TCACTGATTGAAGCCTTGATGAATTATCCTTCTCCCGAGTGGAGACTAATTTTTTGGAAAAATGGTTC
 ACATGGCTCCCCCTTATCCAAATCTAAACATGATTGAGACATTTATTTGTCAAGTGTGTGAGGAGACT
 TTCACATAGCGTGAATTTCCCTGAACAGCTAAGTGAATGAGGATGCTTAGACATCTCACTATAACTACT
 GACTATCACGACTGATTGCCAATTACGTGTCTGGGTTTCTCGCCTTATTAACCAGGCGATGCAAGAA
 CCAAGTTTCATGTTCTGAAAAATGCTGTTGAACTGTCTGACAATCCGATGGTGGCAAAAAAACTATTGAG
 TGCCAAAAGCTCTAATAATTTGGGCTCTTTAACATAGAGGAGACTAATGATAACATTCAGATTGTT
 ATTAATAATGTTTCAGAACATCAGTAATATTGTAATAAGTGGAGCGATGCTTTACTTGATGATGATTTCA
 GTCTTGAGCCGCTTGTCTGCATTTGATGAAATTTGAAGAGCTAGCTAACAGCTGCAGATCCAAATAGA
 CAATCAAATGATCCCGAGGAGGACAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001163017
Insert Size: 2481 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_001163017.1 , NP_001156489.1
RefSeq Size:	3761 bp
RefSeq ORF:	2481 bp
Locus ID:	245607
UniProt ID:	Q8BUY8
Cytogenetics:	X 57.3 cM
Gene Summary:	<p>May play a role in regulation of a variety of G-protein coupled receptors.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR, compared to variant 1. Variants 1, 2, and 3 encode the same protein. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>