

## Product datasheet for **MC220815**

### **Gprasp1 (BC027187) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Gprasp1 (BC027187) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gprasp1
Synonyms:	GASP1, GASP
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >BC027187  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGAAAGTGGGCCAAAGGCTACTTCTAAATCTATGCCAGTAGCTAAGGAGGATGAGGTCGTTATTGGGT  
 CCTGGTTCCTGGGCAGATGATGAAGAGATCAACTTACAGGCTGATGACGAGTCTATTTTTGGATCTTGTT  
 CTGGGGCACTGGTGAGAACAGCCTTAGATCTGTTGGAGTCAATTGTGAGAAGATGCCGAAGGCTGGAGAA  
 AAAGAAGTTACTGATTCTCGTTCTGGGCTGGAGATGTCAATACAGAGGCTGAGGTTGAAGAACAGGCCA  
 GGTCCGGCATCTACAAAAGCAACAATCTTTGTGCCTTGGTTTTGGTCTGAAAAGCAGCCGAACATGGATTT  
 AGGGTCTGAACCTTGCTCAGATATCATGGCAGGAGCTGAGGAGGAGCCATAATTGGGCCCTGGTCTGG  
 GCTAAAGTAGATAATAGTGTGGAGGCTGAAGTTAACAGTAAGTCTAGCCTTGAGGATGAGGAAGAACCCA  
 TTAGATCCCTTGGTTTGGGGCCAGAGAACAAACCGATATGAAGTATGCAGCTGGTATCAGATACAAGCC  
 TATGGCAGAAGCTGAGGATGCTAACAAAAGTCTTGTGTCTGGGCAAAAGAACCTGTTTGTATCCTACC  
 AATAGAGAATGCTTGAATCTACTCTGGGAGAAAAAGAAGACACTGTTGATCCATGGCTCTGGTCCAATA  
 ATTATCCAAGGACCAAGACCATCACAGGGTCTGGCTATGGGCTGCAGAAGAGGGAAATATAGATGATGA  
 GACTGGAGAAAAGATTAACTACCAACTTTAGAGGACAATGCATTCAATCTTGGTTCTGGAAAAGAAAAT  
 GAAGAAAGCATTGTAGAGGCTCCAAGAGAGAAGAATTCAGGCCAGAAGCGGAAGAGGAAGACATTATTG  
 GTTCTTGGTTTTGGGCTGGGGATGAAGACAGGTTTGGCCAGCTGCTAAGATTAATGAAGAGAACAAGAT  
 AGCATCTGAAGATGAAGATACAGTTGGATCCTGGTCTGGGGCAATGAAGAGGCCAGTCTAGAGGCCAGTG  
 AGAAGGGTACTTTTGTAGTCTGCTCCTGGGATTAAGGAAGAGAAAAGTACTGGGTCATGGTCTGGACTG  
 ATAAGGCCAAAAGTAGGGGCTGGGTCCAGACTGTCGAAACTGGGTCAGAAACTGAAGAGGAAGCAATTTT  
 TGAGTCCTTGATCTGGGCTGCAAAAAGGACAGTATTCAAGCAGGAGTAAAGCGTGTGTCCAAGCCAAAA  
 GATGACGGTAACATAGCTGTTGGGCTCTGGCTCTGGTCTAGTGACAAGGCCACAAAAAGACTAAAACCTC  
 TGATTGTCAGTGAGGCCAGTCCAGAAAATGGGAAAGAGTCAGTTGTTAAGTTTGGGTCAAGAGCAAAAAGA  
 TGAGGTGATTAACAAGACTGGCAGTGGTGACAATTGTAACATAGTACAGAAGCTGAAACCATAGTGGGA  
 GCCTGGTCTGGGAAGGAGATGAAGCTAGCTTTGAATCAAATCCTGTACCTGTATGCAAGGCCGTTTGTG  
 AACCCGAGTCTCAGCTGAGCACGAACCTGACCCTTCCCGCAGGCCTCAGAGCTGGGATGAGGTCAGTGT  
 TCAGTTTAAAGGCTGGTCCGTGGGAAAAGCTGGCTTCCACCCATGAACCCCTTCAGATCCCCAAAGAA  
 GCGGCATCTCTGTTTGCAGAAATGTTTGGGGAAAGCCTAAGCTTGTGGAAGTTGGTCCAGAAAGGGAGC  
 CTGAACCCAGATTCCCATTTAGTATGATCCCTTACCCTCAGTCCGAGAAATTCGCGAGCATCTTAA  
 GGCCAGGGAAAAGTGCACAGCCAGAGAATTGGTCTTGAACCTGCATCCAGTGTGAGCTTAGAATTGGTCT  
 GAGGAGTTGAGGAGCTTCTTTACTGATGGACAGAAAATCGTGATCCTTTTATCCATGAGATATCTAAGA  
 TTGCAATGGGCATGCGAGGTGCTTCTCAGTTTACCCGGGATTCATTGAAACTCGGGCGTTGTCTCCCT  
 GATTGAAGCCTTACTTAACATCCGCTCCTCCGAGTGAGGACAAGGTTTTTGGAAAATATGGTCCGCATG  
 GCTCCCCCTTATCCAGACCTGAACATGATTGAGACATACGTGTGCAGATTTGCGAGGACACCTTTGACT  
 ATGACTTGGATTCCCCTGATCAGTTGTCCGATTGACAATGATTACACACCTCACTGCTACTTCTGACTA  
 TCACAAGGTGGTTGTCAATTACTTGGCTGGGTTTTTCTACTTACTGAATTCAGGCAATACCAAAAACAGG  
 TTTGATGTTCTGAAACTGCTACTGAATTTGTCTGAAAACCTTGTATGACAAAACGCTACTTGTACTG  
 ATTCGGTGTGAGAAATTTATGGACCTTATTAATAGGGAGGAGTCAAGTGAATAATTCAAATTTGTTCTTGC  
 AATATTTGAGACTATCAGTAAACATATTCAAAAAGAGGCACTGTTTTCTGATGATGATGATGATGATGAA  
 GAAGAAGATGCAGTGAATCTTGAACCTTATTTCTGCATTCCGTGAGGCTGAAAAAATTGCCAAGGAAC  
 TAAAACGCAAACCTGGCAATCAAAAAGCACCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI  
 ACCN: BC027187

<b>Insert Size:</b>	2625 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">BC027187</a></u> , <u><a href="#">AAH27187</a></u>
<b>RefSeq Size:</b>	3139 bp
<b>RefSeq ORF:</b>	2624 bp
<b>Locus ID:</b>	67298
<b>Cytogenetics:</b>	X F1
<b>Gene Summary:</b>	Modulates lysosomal sorting and functional down-regulation of a variety of G-protein coupled receptors. Targets receptors for degradation in lysosomes via its interaction with BECN2.[UniProtKB/Swiss-Prot Function]