

Product datasheet for **MC220816**

Gprasp1 (BC058970) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gprasp1 (BC058970) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gprasp1
Synonyms:	GASP1, GASP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC058970
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACTAGGGCAGAGGTTGAGCCTGGTGCCAGGCAAAGGCTGAAAATAAGCCTGGGGATGAGAATGCTA
 ATGCTGCTGAAGTAGAGCCTGAAGCCCCATTGGTGGTCAGACCCAAGGTTAGGACACAAATCATGACTGG
 AGCAAGGCCCAAAGTGAAGCCTAAGGGTACCCCTGGAGCAAGACCTAAAGGTGAAACCAAGTACACCAGGT
 GGGGCATATGCCAAATGTAAACCTAAGGCAATCCCTATTGCTCGATCCAAGCATGATGCCAAAGTGTGGG
 CCCCAAATAAGTTTCGTGGCGAGTCCATGTCAAAGATGGGAAAGCAATGTCAGATCAGTGTGCAGACCC
 TCCACTGCTCAGTAATGATTCTGGGATGGTTGCTCAAGCTAAGTGCCTGCCTGTAGATAGAGAACTTGCT
 AATATGGACACTGAGAGTATCCAAAAAGGCTAATTCTCCAGCTGGATTCCAGCCTTCTATGGCTCAG
 AGGAGGGAACCAATATGGGGTCTGGTACCGTGCCAGGCTGTCCCAAAGGAGAGGCCTATGAGAATTC
 CGATTTCAAATGGGCAGATAAACCTCAGGAAGTCCCTCTTTTGAATAGAGATGAAGCCAGTACAAGA
 TTTTCGTCCTAGGAAAAGCATGAAGGCCAATAACAGGTTACAGGCATATGGCCAAACAGAGGCAAATACCA
 TGCCTAGGCACAAAAACAACAAGAGTTCTATAATATTTCCAGTTCTGATTCTGAGGATGAGTCTGGTAA
 AACTCCCTGGTTCTGGCCAAAGACAAGACCAAGTCTGGTCTAAGCCAAAGAAGGCCAATAGTAGG
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 GAACCAGACAGTGCCAAAGGAAGAAGTCAAACTAAGGCCAGAGCAAGTACCAAGCAAGAAGCCAGGCC
 AGAGGAGGAAGTCTCGTTGGGGCTTGGTTCTGGGACACCCAGGAGTCCACTATGGCAGATAGGATAAGC
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 TGGACTCTGAGACCTGTACATACATCCAGACCCAGGGCTAAGGAGGAGCAAGTTAGTAGTTTCTGTTTAGG
 GTCTGGAAAGAAGAGCAGTATGGAAAGTGGGCCAAAGGCTACTTCTAAATCTATGCCAGTAGCTAAGGAG
 GATGAGGTCGTTATTGGTCTGGTCTGGGCAGATGATGAAGAGATCACTTACAGGCTGATGACGAGT
 CTATTTTTGGATCTTGGTCTGGGGCACTGGTGAACAGCCTTAGATCTGTTGGAGTCAATTGTGAGAA
 GATGCCGAAGGCTGGAGAAAAAGGTTACTGATTCTGGTCTGGGCTGGAGATGTCAATACAGAGGCT
 GAGGTTGAAGAACAGGCCAGGTCGGCATCTACAAAAGCAACAATCTTTGTCCTTGGTTTTGGTCTGAAA
 AGCAGCCGAACATGGATTTAGGGTCTGAACCTTGCTCAGATATCATGGCAGGAGCTGAGGAGGAGCCCAT
 AATTGGGCCCTGGTTCTGGGCTAAAGTAGATAATAGTGTGGAGGCTGAAGTTAACAGTAAGTCTAGCCTT
 GAGGATGAGGAAGAACCATTAGATCCCCTTGGTTTGGGGCCAGAGAACAACCGATATGAAGTATGCAG
 CTGGTATCAGATACAAGCCTATGGCAGAAGCTGAGGATGCTAACAAAAAGTCTTGTGCTGGGCAAAAGA
 ACCCTGTTTGTATCCTACCAATAGAGAATGCTTGAATCTACTCTGGGAGAAAAAGAACACTGTTGAT
 CCATGGCTCTGGTCCAATAATTATCCAAGGACCAAGACCATCACAGGGTCTGGCTATGGGCTGCAGAAG
 AGGAAAATATAGATGATGAGACTGGAGAAAAGATTAACCTACCACTTTAGAGGACAATGCATTCAATTC
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 TTAATGAAGAGAACAAGTAGCATCTGAAGATGAAGATACAGTTGGATCCTGGTTCTGGGCAATGAAGA
 GGCCAGCTAGAGGCAAGTGAAGAGGGTACTTTTGTGCTGCTCCTGGGATTAAGGAAGAGAAAGTTACT
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 CTGAAGAGGAAGCAATTTTTGATCCTTGTCTGGGCTGCAAAAAGGACAGTATTAAGCAGGAGTAAA
 GCGTGTGTCCAAGCCAAAAGATGACGGTAACATAGCTGTTGGGCTCTGGCTCTGGTCTAGTGACAAGGCC
 AAAAAAGAAGCTAAAACCTGATTGTGCTGAGGCCAGTCCAGAAAATGGGAAAGAGTCAAGTTGTAAGT
 TTGGGTCAAGAGCAAAAGATGAGGTGATTAACAAGACTGGCAGTGGTACAATTGTATGCAAGGCCGTTT
 GTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	BC058970
Insert Size:	2874 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:	BC058970 , AAH58970
RefSeq Size:	4570 bp
RefSeq ORF:	2873 bp
Locus ID:	67298
Cytogenetics:	X F1
Gene Summary:	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]