

## Product datasheet for **MC202405**

### **Gid8 (NM\_029607) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Gid8 (NM_029607) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gid8
Synonyms:	2310003C23Rik; 4833420G11Rik; AI451474; Twa1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC059022 sequence for NM\_029607  
 GGCTCATCAGTGAAGTGCCTTTCTTTGGTGCCAGCTGGAAGTGTCTAGGTTGTAGGAGTAGGGAGGAAG  
 GAGGCTTGTGCCATCTTATCAGTTTTCCACAGAGGAGTTGAAGACTCCACCCTTGACTAACACTTGACT  
 TCCTTTTGATTGCTGTGCTCTTTTAAACACCCTAACATAATGTCTAGTGTATAACTCTATAGTGATTCCC  
 CTTAATACTTTTAGCTTCAAACCTAATCCCCTCCTTCATAGTGTGATGTCTTGGTCTCTTCACTTAGGA  
 CTTCTGATTCTATTTCACTAACCATACATCCCACCTTTGACCTTGATGCTACCCAGATGTGTAAGTGTCT  
 CAGGCCTTTTTTGCTTGGCTCGTTTGAAGATTGAAAGCATCCTCCTACTTTTTTGGTCTTTGGAGACAGGGC  
 TTCTCTGTATAGCTCTGGCTGGCCTCAAACCTCACTCTGTAGACCAGGCTGGCCTCGAACTCAGAAATCCG  
 CCTGCCTCTGCCTCCTAAGTACTGAGATTAAGGCATGTGCCACCACTGTCCGGCCCTCCTACTCTTAA  
 ACTTACTATATTGCTGTGTTACTTTTTGAAATGATTAATTTGGACATAGAATTTTTCCCTAACCTTGT  
 ATCGTTTTCTGTAGAAATAATCATAATGAGTTATGCAGAAAAGCCGGATGAAATAACCAAGATGAAT  
 GGATGGAAAAGCTCAATAACTTGCATGTTCAACGAGCAGACATGAACCGACTCATCATGAACTACCTAGT  
 CACAGAGGGCTTAAAGGAAGCAGCAGAGAAATTCGGATGGAGTCTGGGATCGAACCAAGTGTGGACCTA  
 GAAACACTTGATGAGCGAATCAAGATTCGGGAGATGATTCTGAAGGGTCAGATCCAGGAGGCCATTGCCT  
 TGATCAACAGCCTCCACCAGAGCTCCTAGACACAACCCGGTATCTTTACTTCCACCTTCAGCAACAACA  
 CTTGATTGAGCTTATCCGTCAGCGTGAGACAGAAGCAGCATTGGAGTTTGCCTCAGACACAACCTGGCAGAG  
 CAGGGTGAGGAAAAGCCGAGAATGCCTCACAGAGATGGAGCGCACACTGGCCTTGCTGGCCTTCGATAGCC  
 CTGAGGAGTGCCTTTTTGGAGACCTCCTCACATGATGCAGAGGCAAAAGGTATGGAGTGAAGTTAACCA  
 GGCTGTTCTGGATTATGAGAATCGAGAGTCCACACCCAAGCTGGCAAAATTAAGTAACTGCTACTTTGG  
 GCTCAGAAATGAGCTAGACCAGAAGAAAGTAAATATCCCAAAATGACAGACCTCAGCAAAGGTGTGATTG  
 AGGAGCCCAAGTAGAGCCTGTGCATGGACCCAGCACTGTCAATAGGCACAGGACTCTCCCTCCTCCGGCT  
 GTGACTGGCAGATTGTCACCACAGTAGAGAACCTTTCCCTGTACTTTTTTTGGCCCATTTGTTTTAAAA  
 GGGGAAAATGGCCTTTTTAAACCCTGTCAAGCCCATGATGGAAGACACCACCTCTGCCATGCCCTGTATC  
 CCGAGAGCTGCACACACTGCTTCCAGATTGCTGGTTCCAGAAGATGTAATTTGCCACTGTGTGCTGCACG  
 GCTAGGGAGTGTCTCAGCTGAAGGCCTCACCAAGACAGGCAGACAGACATGAACATTACTGATGTG  
 CTTTTCCGACCTGCTATGTGCAGGCAGGCAGGGTTATCTTCTGGGCTCACAGACTTTTCATGTTTTC  
 CTTACCCCTTCTTTCTTTTCTTCTCCTCATTTTGTCTTTCATAGGAAAAAATGTATAAATTTGTAAT  
 CTTAATTCAAAGATAACTTTTGTGTGGTAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** AscI-NotI

**ACCN:** NM\_029607

**Insert Size:** 687 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:**

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:** [BC059022](#), [AAH59022](#)

RefSeq Size: 1877 bp

RefSeq ORF: 687 bp

Locus ID: 76425

UniProt ID: [Q9D7M1](#)

Cytogenetics: 2 H4

**Gene Summary:** Core component of the CTLH E3 ubiquitin-protein ligase complex that selectively accepts ubiquitin from UBE2H and mediates ubiquitination and subsequent proteasomal degradation of the transcription factor HBP1. Acts as a positive regulator of Wnt signaling pathway by promoting beta-catenin (CTNNB1) nuclear accumulation.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (1) represents the longest transcript. Variants 1, 2 and 3 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.