

Product datasheet for **MC226421**

Gid8 (NM_001289652) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gid8 (NM_001289652) Mouse Untagged Clone
Tag: Tag Free
Symbol: Gid8
Synonyms: 2310003C23Rik; 4833420G11Rik; AI451474; Twa1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC226421 representing NM_001289652
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAGTTATGCAGAAAAGCCGGATGAAATAACCAAAGATGAATGGATGGAAAAGCTCAATAACTTGCATG
 TTCACGAGCAGACATGAACCGACTCATCATGAACTACCTAGTCACAGAGGGCTTAAGGAAGCAGCAGA
 GAAATTTTCGGATGGAGTCTGGGATCGAACCAAGTGTGGACCTAGAAACACTTGATGAGCGAATCAAGATT
 CGGGAGATGATTCTGAAGGGTCAGATCCAGGAGGCCATTGCCTTGATCAACAGCCTCCACCCAGAGCTCC
 TAGACACAAACCGGTATCTTTACTTCCACCTTCAGCAACAACACTTGATTGAGCTTATCCGTGAGCGTGA
 GACAGAAGCAGCATTGGAGTTTGCCAGACACAACCTGGCAGAGCAGGGTGAGGAAAGCCGAGAATGCCTC
 ACAGAGATGGAGCGCACACTGGCCTTGCTGGCCTTCGATAGCCCTGAGGAGTCGCCTTTTGGAGACCTCC
 TTCACATGATGCAGAGGCAAAAGGTATGGAGTGAAGTTAACCAAGGCTGTTCTGGATTATGAGAATCGAGA
 GTCCACACCCAAGCTGGCAAAATTAAGTAACTGAACTGCTACTTTGGGCTCAGAATGAGCTAGACCAGAAGAAA
 GTAAAAATATCCAAAATGACAGACCTCAGCAAAGGTGTGATTGAGGAGCCCAAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001289652
Insert Size: 687 bp



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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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001289652.1</u> , <u>NP_001276581.1</u>
RefSeq Size:	4412 bp
RefSeq ORF:	687 bp
Locus ID:	76425
UniProt ID:	<u>Q9D7M1</u>
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 (3) differs in the 5' UTR, compared to variant 1. 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.