

Product datasheet for SC332654

PGBD5 (NM_001258311) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: PGBD5 (NM_001258311) Human Untagged Clone
Tag: Tag Free
Symbol: PGBD5
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC332654 representing NM_001258311.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

ATGGCCGAGGGCGGGGGCGCGGGAGGAGGGCGCCGGCGCTGCTCGAGGCTGCCCGCGCGCTAC
GAGAGCCTGCACATCTCGGACGACGTGTTCCGGCAGTCCGGCCCGGACAGCGCGGGAACCCCTTAC
AGCACCTCGGCCGCTCGCGCTCCTCCTCGGCCGCTCCTCGGACGACGAGCGCGAGCCCCGGGACCC
CCAGGGGGCGCCCCGCCACCGCCCCGCGCCCCGGACGCACAGGAGCCGGAGGAGGACGAGGCCGGCGG
GGCTGGAGCGCAGCGCTCGGGACCGCCCCGCGCTTCGAGGATACCGCGGTCCCACCCGAAAG
ATGCCCCAGCGCCAGTGCCGTGGACTTCTCCAGCTTTTGTCCAGACAACGTCCTCAAGAACATG
GTGGTGACAGACAACATGTATGCCAAGAAGTTCCAGGAGCGGTTTGGGAGCGACGGAGCCTGGGTGGAG
GTGACGCTGACGAGATGAAGGCGTTCCTGGGCTACATGATCTCCACCAGCATCTCCCACTGCGAGTCC
GTCCTCAGCATCTGGAGCGGAGGCTTCTACAGCAACCGCAGCCTCGCCCTCGTCATGAGCCAGGCCCGC
TTCGAGAAGATCCTCAAGTACTTCCACGTGCTGGCCTTCCGCTCCAGCCAGACCACGACGGGCTTAC
AAGGTCCAGCCCTTCTCGACTCCCTGCAGAACAGCTTCGACTCTGCCTCAGGCCTTCCAAACCCAG
GTGCTACATGAACCCCTGATCGATGAGGATCCTGTATTTCATTGCCACGTGCACAGAGCGGGAGTGCGA
AAGAGGAAAAAGCGGAAATTCAGCCTCTGGGTGAGACAATGTTCTTCCACTGGCTTCATCATCCAGATT
TATGTCCACCTGAAGGAAGGTGGGGGCCAGATGGCCTGGATGCGCTGAAGAATAAGCCCAGCTCCAC
AGCATGGTGGCCAGGAGCCTGTGCCGGAACCGCGCAGGCAAGAATACTACATTTTACGGGGCCAGC
ATCACCAGCCTGACGCTGTTGAAGAGTTTGAAGCAAGGGATTTACTGCTGCGCTTGTCCCGCGG
CGGAAGAGTGACTGCACCGGCCTCCCACTGTCCATGCTGACCAACCCAGCCACACCCCCGGCCGGGGC
CAGTACCAAAATCAAGATGAAGGGGAACATGTCCTTGATCTGCTGGTACAACAAAGGACACTTCCGCTT
CTGACCAACGCCTACTCCCCGTGACGACGGGAGTCATCATCAAAGGAAGAGTGGGGAGATCCCATGC
CCCTTGGCCGTGGAGGCGTTTGGCGCTCACCTGAGCTACATCTGCAGATACGATGACAAAACAGCAAG
TATTTTCATTTCTATAAACCAAAACAAGACCTGGCAGCAGGTGTTCTGGTTCGCCATCAGCATCGCCATC
AACAAATGCCTACATCCTGTACAAAATGTCAGACGCCTACCACGTGAAGAGGTACAGCCGGCGCAGTTT
GGAGAGAGACTCGTCAGAGAGCTGCTGGGCTTGGAGGATGCCTCTCCGACCCACTGA
  
```

Restriction Sites: SgfI-MluI
ACCN: NM_001258311
Insert Size: 1575 bp



[View online »](#)

| | |
|-------------------------------|--|
| 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: | <u>NM_001258311.1</u> |
| RefSeq Size: | 3373 bp |
| RefSeq ORF: | 1575 bp |
| Locus ID: | 79605 |
| UniProt ID: | <u>Q8N414</u> |
| Cytogenetics: | 1q42.13 |
| MW: | 58.5 kDa |
| Gene Summary: | The piggyBac family of proteins, found in diverse animals, are transposases related to the transposase of the canonical piggyBac transposon from the moth, <i>Trichoplusia ni</i> . This family also includes genes in several genomes, including human, that appear to have been derived from the piggyBac transposons. This gene belongs to the subfamily of piggyBac transposable element derived (PGBD) genes. The PGBD proteins appear to be novel, with no obvious relationship to other transposases, or other known protein families. [provided by RefSeq, May 2010] |