

## Product datasheet for **SC332847**

### PLEKHB2 (NM\_001267065) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** PLEKHB2 (NM\_001267065) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** PLEKHB2  
**Synonyms:** EVT2  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC332847 representing NM\_001267065.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
ATGGCGTTTGTGAAGAGTGGCTGGTTGCTGCGACAGAGTACTATTTTGAAGCGCTGGAAGAAGAACTGG
TTTGATCTGTGGTCGGATGGTCACCTGATCTATTATGATGACCAGACTCGGCAGAATATCGAGGATAAG
GTCCACATGCCAATGGACTGCATCAACATCCGCACGGGGCAGGAATGTCGGGATACTCAGCCCCGGAT
GGAAAGTCAAAGACTGCATGCTCCAGATTGTTTGTGCGAGATGGGAAAACAATTAGTCTTTGTGCAGAA
AGCACAGATGATTGCTTGGCCTGGAAATTTACACTCCAAGATTCTAGGACAAACACAGCGTATGTGGGC
TCTGCAGTCATGACCGATGAGACATCCGTGGTTTCCTCACCTCCACCATACACGGCCTATGCTGCACCG
GCCCTGAGGTAGGGAGAACCCTGAGCCTCCAGCAGGCTTATGGCTATGGCCATACGGTGGTGCCTAC
CCGCCAGGAACTCAAGTTGTCTACGCTGCGAATGGGCAGGCGTATGCCGTGCCCTACCAAGTACCCATAT
GCAGGACTTTATGGACAGCAGCCTGCTAACCAAGTCATCATTGAGAGCGCTATCGAGACAACGACAGC
GACCTGGCACTGGGCATGCTGGCAGGAGCAGCCACGGGCATGGCCTTAGGGTCTCTATTTTGGGTCTTC
TAG
```

**Restriction Sites:** Sgfl-MluI  
**ACCN:** NM\_001267065  
**Insert Size:** 693 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).



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**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:** [NM\\_001267065.1](#)

**RefSeq Size:** 4350 bp

**RefSeq ORF:** 693 bp

**Locus ID:** 55041

**UniProt ID:** [Q96CS7](#)

**Cytogenetics:** 2q21.1

**MW:** 25.6 kDa

**Gene Summary:** Involved in retrograde transport of recycling endosomes.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (7) lacks an in-frame exon and uses an alternate splice site in the 3' coding region, compared to variant 4, which results in a protein (isoform 7) with a shorter C-terminus, compared to isoform 4.