

## Product datasheet for **SC327570**

### **PLEKHD1 (NM\_001161498) Human Untagged Clone**

#### **Product data:**

|                           |                                             |
|---------------------------|---------------------------------------------|
| Product Type:             | Expression Plasmids                         |
| Product Name:             | PLEKHD1 (NM_001161498) Human Untagged Clone |
| Tag:                      | Tag Free                                    |
| Symbol:                   | PLEKHD1                                     |
| Synonyms:                 | UPF0639                                     |
| Mammalian Cell Selection: | Neomycin                                    |
| Vector:                   | pCMV6-Entry (PS100001)                      |
| E. coli Selection:        | Kanamycin (25 ug/mL)                        |



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**Fully Sequenced ORF:** >SC327570 representing NM\_001161498.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGC
ATGTTACAGTCCAAGTCCAACTCGGTGTGCGCCCTCGCCGTCCTGGAGCAGGCTGACTCGGACGCCCTG
GATATCAGCACCAAAGTGCAGCTCTACGGCGTGCTGTGGAAGAGGCCCTTCGGCAGGCCGTCGGCCAAG
TGGTCCCAGCGGTTTTTTCATCATCAAAGAGAGCTTTCTGCTTTACTACTCTGAGAGCGAAAAAAGAGC
TTGAAACCAATAAATACTTCAATATACATCCTAAGGGCGTCATCCCTCTGGGGGCTGCCTGGTGAG
CCCAAGGAAGAGCCTAGCATGCCCTATGCCATGAAGATCTCCACCAGGACTTCCATGGGAACATCTTG
CTTGCTGCTGAGTCGGAGTTTGAGCAGACCCAGTGGCTGGAGATGCTGCAGGAGTCTGGGAAGGTGACC
TGGAAGAATGCCAGCTGGGAGAAGCCATGATCAAAGCCTGGAGGCCAGGGGCTGCAGTTGGCTAAG
GAAAAGCAGGAGTATTTAGACAACTGATGGAAGAGACCGAAGAACTCTGCCTTCAGAGGGAGCAGAGA
GAGGAGCTTGAGCGCTTAACCAGGTGCTGGAGGCCGAGAAGCAGCAGTTCGAGGAGGTGGTGCAGGAG
CTGAGAATGGAGCAGGAGCAGATCAAGAGGGAGCTGGAAGTACTGCAAGATGCCTTAAGGGTGTAGAA
CAAGAGAAAAAGAACTGAGGCACCTCACGGAGTCCTTGACGAGACACTGGAGGAACTCTCCATAGAG
AAGAAGAAAAACCTGGAATGCTGGAGGAGAACGAGAACCACCTGCAGACACTGGCCAATCAGAGTGAG
CAGCCCCCTCCAGTGGGGGCTCCATAGCAACCTCCGGCAGATCGAGGAGAAGATGCAGCAGCTTTA
GAGGAGAAGCTCCTGGCAGAGAAGCGGATGAAGGAGAACGAGGAGCGCTCACGGGCCCTGGAGGAGGAG
CGTGAGTTCTACTCCAGCCAGTCCCAGGCAGTGCAGAACTCGTGCAGGAGTGCAGGCAGAGAAGCAG
CAGGCTGAGCGGGAGCTCAAGGCTGAGGTGAAGGTCCGCATGGACCTGGAGAGGCGTCTCCGGGAGGCA
GAAGGGGCTTGCGAAGCCTGGAACAGGGGCTGAATCCAAGGTGCGGAATAAGGAGAAGGAGGAGAGG
ATGCGGGCTGATGTGAGCCATCTGAAAAGGTTCTTTGAGGAGTGCATCCGGAATGCCGAGCTGGAGGCC
AAGATGCCTGTGATCATGAAGAACTCCGTGTACATCCATAAGGCAGCCACTCGCCGCATCAAGAGCTGC
CGCTTCCACCGACGCGGTCCAGCACCTCCTGGAATGACATGAAGCCGTCCAGTCTTCTATGACCTCC
CAGCTGGATGCCAACAACATGGAGGAGCTAAAGGAGGTGGCCAAGCGGCTCAGCAGGGACCAGCGCTTC
CGGGAATCCATCTACCACATCATGGCCACCCAGCTGGAGCCCCCTCGGCACTCTCCCGGGTGGAAG
TGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
```

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001161498

**Insert Size:** 1521 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).

**OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

**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:** [NM\\_001161498.1](#)

**RefSeq Size:** 1812 bp

**RefSeq ORF:** 1521 bp

**Locus ID:** 400224

**UniProt ID:** [A6NEE1](#)

**Cytogenetics:** 14q24.1

**MW:** 59.2 kDa