

Product datasheet for **SC110358**

PLEKHO2 (NM_025201) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PLEKHO2 (NM_025201) Human Untagged Clone
Tag:	Tag Free
Symbol:	PLEKHO2
Synonyms:	PLEKHQ1; PP1628; pp9099
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_025201, the custom clone sequence may differ by one or more nucleotides

```
ATGGAGGAGGAGGGTGTGAAGGAAGCCGGTGAAGCCTCGGGGAGCACAGATGGTGGACAAGGCTGGCT
GGATCAAGAAGAGCAGTGGGGCCCTCTGGGTTTCTGAAAGACCGATATCTGCTCCTCTGCCAGGCCCA
GCTGCTGGTCTATGAGAAAGAGGATGATCAGAAGTGTGTGGAGACTGTGGAGCTGGGCAGCTATGAGAA
TGCCAGGACCTTCGTGCCCTCCTCAAGCGAAAACACCGCTTTATCCTGCTGCGATCCCCAGGGAACAAGG
TCAGCGACATCAAATCCAGGCACCCACCGGGGAGGAGAAGGAATCCTGGATCAAAGCCCTCAATGAAGG
GATTAACCGAGGCAAAAACAAGGCTTTTCGATGAGGTAAGGTGGACAAGAGCTGCGCCCTGGAGCATGTG
ACACGGGACCGGGTGCAGGGGGCCAGCGACGCCGGCCACCAACGAGAGTCCACCTGAAGGAGGTGGCCA
GTGCAGCTTCTGACGGTCTTCTGCGCCTGGATCTTGATGTTCCGGACAGTGGGCCACCAAGTGTGGCC
CAGCAATCATGTCAAGTGAAGCCCAACCTCGGGAGACACCCCGGCCCTCATGCCTCTACCAAGCCTTTC
CTAGCACCTGAGACCACCAGCCCTGGTGAAGGGTGGAGACCCCTGTGGGGGAGAGAGCCCAACCCCTG
TCTCAGCAAGCTCTGAGGTCTCCCTGAGAGCCAAGAGGACTCAGAGACCCAGCAGAGGAGGACAGTGG
CTCTGAGCAGCTCCCAACAGCGTCTGCCTGACAACTGAAGGTGAGCTGGGAGAACCCAGCCCCAG
GAGGCCCTGTGAGAGAGTGCAGAACCGTCCAGGCACCCCTGTTCTGAGACTTCTGAGGCTGCCCCA
GGGAGGGTGGGAAGCCCCCTACACCCCAACCAAGATCTTATCAGAGAACTGAAAGCCTCCATGGGTGA
GATGAGGCTTCTGGGCCACCTGCTCCAGGCACAGTGCAGTCTCAGTGAATGGCATGGATGACAGTCCCT
GAGCCTGCCAAGCCCTCTCAGGCTGAGGGCACCCAGGAACCTCCCAAAGGATGCAACAACATCCACAG
CACTGCCCCCTGGGACCTGCCACCTCAGTTCATCCCCGCTGCTCCTCCCTGGGGACTTGCTTGGGGA
AGGCCCGCGCATCCCTTGCAGCCAGGGAACGGCTATATCGGGCCAGCTGGAGGTGAAGGTGGCCTCG
GAACAGACGGAGAACTGTTGAACAAGGTGCTGGGCAGTGAAGCCGCCCTGTTAGTGCCGAAACATTGC
TCAGCCAGGCTGTGGAGCAGCTGAGGCAGGCCACCCAGGTCCTGCAGGAAATGAGAGATTTGGGAGAGCT
GAGCCAGGAAGCACCTGGGCTAAGGGAGAAGCGGAAGGAGCTGGTGACCTCTACAGGAGAAGTGCACCC
TAG
```



[View online >](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_025201 unedited
 GGATTTTGTAAATACGATTTCACTATAGGGCGGCCGCGATTTCGGCACGAGGCTTGGGGAAG
 GCCCGCGGCATCCCTTGCAGCCCAGGGAACGGCTATATCGGGCCAGCTGGAGGTGAAGG
 TGGCCTCGGAACAGACGGAGAACTGTTGAACAAGGTGCTGGGCAGTGAGCCGGCCCTG
 TTAGTGCCGAAACATTGCTCAGCCAGGCTGTGGAGCAGCTGAGGCAGGCCACCCAGGTCC
 TGCAGGAAATGAGAGATTTGGGAGAGCTGAGCCAGGAAGCACCTGGGCTAAGGGAGAAGC
 GGAAGGAGCTGGTGACCCTCTACAGGAGAAGTGCACCCTAGGGCCTTCTGGGCCAGAGGC
 ACCATCCCTTCTGGCCATCCATCAAGTCCATCAAGGCCAGCCCTGCTGAGAAATGTGCT
 TCTGCTTCTACAGCAATGGCTGCAGGAGGGCCATTGGGCATGTCAGGGTTTGGCCATGAC
 CCGAAGAGACTCCTGGCGTCTTCTACTCTGCTCTGGCCAGTGGTGCCAGGTGCCACCC
 AGGGCTACTGCCTGGCTATCTGGCTGGCTCTGGGCTGGGGCTGGGCTGGGAGCACAC
 ACGCTGGGACCTATGTGTTTGTGTGGTCTTCCAACTGCCCCAGGGCTTTGGGGCGGC
 ACTTGGGTTTCTGGGAATGACATCATCTCTGTTCCCATCCCCAGTAGTTTACATTCTCT
 GACTTCTGAATACAGCACAGCTGAGCCCCCTGCAGCTCCCATCTNCAGCTATTCTTAGGC
 ANAGAGCCTCATGGCTAAGGCAGGCTCAAAGCCAGCCCCCTNCTCCACCTATTCTGAGTA
 GCTGCAGAAGCCCTTGGGTCCAGGCTCTAGGNTCATCCCTCAGTTGGGGGAACGTANGA
 CCCAGCTGGNAGCCTCTTGAGGGNAGATGAGAGGCCTCTCTGTGAGGGAGACATTANCTG
 TGTGGCCTCTCT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_025201 unedited
 GGACGAGGCCGCAATCTAGNATCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT
 TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTCCAAAAAAGGGATTTATGGCCAAACTT
 TAAAAAAGGCCCTTAATAAGCAAAAACAAAAAGGCCCCCTCTAAAGGGGCAAGCC
 CGGAATGCCACTTTCCTAAAGCCCCAAGTTAGGCAGGCCCTGCACGTTCTAACTCCTTT
 CCAAAAACCCATTTTCTGCCTAGGGCCACCCTGCTAAAGGAGGGAAATTAACCTTTT
 GGGCCACTTGAGGGGGCCCAAAGTTACTTGCCTACCCACCAGGCCCAAGGGAAAGGGGG
 TGGGCCTAAACCTGGGACCTACATGCAGGGTTTTTGAACCCAAAAACTTTGCCCTAAACC
 CAGTTGGTGAAGTTAGCTACTTGACACAGGAGGGAAGTGAAGGCTCCAATCCCTGGAAGAA
 GGGGGTTTGGTTAAACCCCAACCCATGGTTGTTGGGGGGAAAGGCTTTTCTAAG
 GCAAAATGGCAGGGGACAACATGACGGGCAACTGAGGCCCTTTTGTCTTTGCCCGGGG
 GGGGCTCCAAAACAGGGAATTGTTGGTACCTTTTGTTCGGGCCCAACCAACCAAGA
 AAACATTTGCCCTTCTGACCCTGGACTCCTCCTCAAAGAAAAAGGACAGTCAATAAC
 CAATAACAAAGCTTTGACCTGGTCCAAAGCCCCTAGTGGGGTTGGGGACAAGGAAAAAAG
 GCCAGGGCTTTTGTGGAACCCCTTTTTTTTTTAAGAAAACAAGGCCAATCAAAAT
 TTGCCAGGTCCTAAGGAAGTGGTTA

Restriction Sites:

NotI-NotI

ACCN:

NM_025201

Insert Size:

2600 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: [NM_025201.2](#), [NP_079477.1](#)

RefSeq Size: 3738 bp

RefSeq ORF: 3738 bp

Locus ID: 80301

UniProt ID: [Q8TD55](#)

Cytogenetics: 15q22.31

Protein Families: Druggable Genome

Protein Pathways: Cytokine-cytokine receptor interaction