

## Product datasheet for **SC317817**

### 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: | Neomycin                                 |
| Vector:                   | <u>PCMV6-Neo</u>                         |
| E. coli Selection:        | Ampicillin (100 ug/mL)                   |

**Fully Sequenced ORF:** >OriGene sequence for NM\_025201 edited  
 ATGGAGGAGGAGGGTGTGAAGGAAGCCGGTGAGAAGCCTCGGGGAGCACAGATGGTGGAC  
 AAGGCTGGCTGGATCAAGAAGAGCAGTGGGGCCCTCCTGGGTTTCTGAAAGACCGATAT  
 CTGCTCCTCTGCCAGGCCAGCTGCTGGTCTATGAGAATGAGGATGATCAGAAAGTGTGTG  
 GAGACTGTGGAGCTGGGAGCTATGAGAAGTGCCAGGACCTTCGTGCCCTCCTCAAGCGA  
 AAACACCGCTTTATCCTGCTGCGATCCCCAGGGAACAAGGTCAGCGACATCAAATCCAG  
 GCACCCACCGGGAGGAGAAGGAATCCTGGATCAAAGCCCTCAATGAAGGGATTAACCGA  
 GGCAAAAACAAGGCTTTTCGATGAGGTAAGGTGGACAAGAGCTGCGCCCTGGAGCATGTG  
 ACACGGGACCGGGTGGAGGGGGCCAGCGACGCCGGCCACCAACGAGAGTCCACCTGAAG  
 GAGGTGGCCAGTGCAGCTTCTGACGGTCTTCTGCGCCTGGATCTTGATGTTCCGGACAGT  
 GGGCCACCAGTGTGGCCCCAGCAATCATGTGTCAGTGAAGCCCAACCTCGGGAGACACCC  
 CGGCCCTCATGCCTCCTACCAAGCCTTTCCTAGCACCTGAGACCACAGCCCTGGTGAC  
 AGGGTGGAGACCCTGTGGGGGAGAGAGCCCAACCCCTGTCTCAGCAAGCTCTGAGGTC  
 TCCCCTGAGAGCCAAGAGGACTCAGAGACCCCAGCAGAGGAGGACAGTGGCTCTGAGCAG  
 CCTCCCAACAGCGTCTGCTGACAAACTGAAGGTGAGCTGGGAGAACCAGCCCCAG  
 GAGGCCCTGCTGCAGAGAGTGCAGAACCGTCCCAGGCACCCTGTTCTGAGACTTCTGAG  
 GCTGCCCCAGGGAGGGTGGGAAGCCCCCTACACCCCAACCAAGATCTTATCAGAGAAA  
 CTGAAAGCCTCCATGGGTGAGATGCAGGCTTCTGGCCACCTGCTCCAGGCACAGTGCAG  
 GTCTCAGTGAATGGCATGGATGACAGTCTGAGCCTGCCAAGCCCTCTCAGGCTGAGGGC  
 ACCCCAGGAACTCCTCAAAGGATGCAACAACATCCACAGCACTGCCCCCTGGGACCTG  
 CCACCTCAGTTCCATCCCCGCTGCTCCTCCCTTGGGGACTTGCTTGGGGAAGGCCCGCGG  
 CATCCCTTGACAGCCAGGGAACGGCTATATCGGGCCAGCTGGAGGTGAAGGTGGCCTCG  
 GAACAGACGGAGAACTGTTGAACAAGGTGCTGGGCAAGTGGCCGGCCCTGTTAGTGCC  
 GAAACATTGCTCAGCCAGGCTGTGGAGCAGCTGAGGCAGGCCACCCAGGTCCTGCAGGAA  
 ATGAGAGATTTGGGAGAGCTGAGCCAGGAAGCACCTGGGCTAAGGGAGAAGCGGAAGGAG  
 CTGGTGACCTCTACAGGAGAAGTGCACCCTAG



[View online »](#)

|                               |   |
|-------------------------------|---|
| <b>Restriction Sites:</b>     | Please inquire  |
| <b>ACCN:</b>                  | NM_025201   |
| <b>Insert Size:</b>           | 1500 bp   |
| <b>OTI Disclaimer:</b>        | 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).  |
| <b>OTI Annotation:</b>        | 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.  |
| <b>Components:</b>            | 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).  |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol> |
| <b>RefSeq:</b>                | <u><a href="#">NM_025201.3</a></u> , <u><a href="#">NP_079477.2</a></u>   |
| <b>RefSeq Size:</b>           | 3675 bp   |
| <b>RefSeq ORF:</b>            | 1473 bp   |
| <b>Locus ID:</b>              | 80301   |
| <b>UniProt ID:</b>            | <u><a href="#">Q8TD55</a></u>   |
| <b>Cytogenetics:</b>          | 15q22.31  |
| <b>Protein Families:</b>      | Druggable Genome  |
| <b>Protein Pathways:</b>      | Cytokine-cytokine receptor interaction  |