

Product datasheet for **SC126378**

PLEKHH2 (BC063310) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PLEKHH2 (BC063310) Human Untagged Clone
Tag:	Tag Free
Symbol:	PLEKHH2
Synonyms:	KIAA2028; pleckstrin homology domain containing, family H (with MyTH4 domain) member 2; PLEKHH1L
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>OriGene sequence for BC063310 edited

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GAGCTCGGCTTGAGGCGGGCGGGCTGAGAGTCCGGGGATCCCGGGGGCCAGTCGCGGC
CGGGACATCGGGCGCTGCGGCCGGGGACCCGCTGCTGAGATAGACAGAATATGGCAGAGC
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CTCAGGAAACTGATCTTGATCTAGTTGATGGAGACAGTACAGAAGTTTTAGAGAATATGG
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CACGGTGAACCCCGTCTCTACTAAAAATTCAAAAAAATTTATCCGGGCATGGTGGCAGG
TGCTGTAAAGTCCAGCTGCTCGGGAGGCCGAGGCAGGAGAAATGGTGTGAACCCAGGAGG
CGGAGCTTGCAAGTGAAGCAAGATGGCGCCACTGCACTCCAGCCTGGGCGACAGAAAGAGA
CTCTGTCTCAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence:	>OriGene 5' read for BC063310 unedited NAAGTCAGAAATTGTATACGACTCATATAGGCGGCCGCATAAATTTCGTATAGCATACATT ATACGAAGTTATGGATCAGGCCAAATCGGCCGAGCTCGAATTCGTGAGCTCTAGCGAGG TGACAGCGTAGAACAGGAGCTCGGCTTGAGGCGGGCGCGGGCTGAGAGTCCGGGGATCC CGGGGGCCAGTCGCGGCCGGGACATCGGGCGCTGCGGCCGGGGACCCGCTGCTGAGATAG ACAGAATATGGCAGAGCTTTCTGAGCCAGAGGGACCAAGATTGGAAGGAACGATGTGT AGCTCTGGAGTCCCAACTCATGAAATTTAGAGTTCAAGCAAGCAAGATACGAGAGCTTTT AGCAGAGAAGATGCAACAGCTTGAGAGACAAGTTATTGATGCTGAACGTC AAGCAGAAAA AGCTTTTCAACAGGTACAAGTTATGGAAGATAAAATTAAGCAGCTAATATTCAAACAG TGAATCAGAGACAAGATTATATAATAAGTGTCAAGATCTGGAGTCGTAATACAGGAAAA AGATGACGTCATTCAAAACCTTGAATTGCAACTGAAGAGCAGAAACAAATAAGAATACA AGAAGCTAAAATAATAGAAGAGAAAGCAGCTAAGATAAAAGAATGGGTAACAGTTAAGTT AAATGAGCTGGAATTGGAGAATCAGAATCTTCGTTTGATCAACCAAAAACCAACTGAAGA GATAAGAACAATGCAGTCAAACTACAAGAAGTTCAAGGAAAGAAGTCATCCACTGTCNT CTACACTAAAGCTTTGAAAGCCAGCGCCTGAGCAGTTTGACCTTNGGGTGCTNNTTAT CTCGAGCAAGGAGTCCCTCCTCAGTAGTAAAATCTNNGAGAATGAGCAAGATATCATCGA AGACC
Restriction Sites:	NotI-NotI
ACCN:	BC063310
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:	BC063310.1 , AAH63310.1
RefSeq Size:	3745 bp
Locus ID:	130271
Cytogenetics:	2p21
Gene Summary:	In the kidney glomerulus may play a role in linking podocyte foot processes to the glomerular basement membrane. May be involved in stabilization of F-actin by attenuating its depolymerization. Can recruit TGFB111 from focal adhesions to podocyte lamellipodia. [UniProtKB/Swiss-Prot Function]