

Product datasheet for SC318579

PLEKHG4B (NM_052909) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PLEKHG4B (NM_052909) Human Untagged Clone
Tag:	Tag Free
Symbol:	PLEKHG4B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC318579 representing NM_052909. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
 ATGGAAGCCTTGCAGAACCCCATGCCCTGGGACGCTCTGAGGAGGCCCTCGGGGACCTGGCCTGCAGC
 TCCCTGACTGGAGCCAGCAGGGACCTGGGGACTGGGACGTAGCCAGTGGGACCCAGGAGGAAACCTCT
 GGCCCCCGGGGAGACCCCAACAGACCCCAAGTCTAGAGAAGGAGAGGCACACACCCAGCCGGACAGGT
 CCAGGAGCTGCAGGGCGGACTCTCCAGGAGATCTCGGTCTGGGAAAGGGACCCAGAGCTCCAGA
 GGGGCCAGGCTGCAGCCTGCCACACCTCCACCACTCAGCAGGCTCCAGGCTGGGGGCCACCTAGGA
 GGACAAGCTGTGGGACCCAACTGTGTCCAGTAGAGGGTCCCGCTGCACCAAGAGGAAGACGTT
 CTTGCATCTCAGCCTGTGTGACACAGACGGCGGACGCTCCATTGCCACAACCCAGCGGGCCTTCC
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 CAGGTGCCAAGCAGGTGCTGGACGTAGTCAGGAGCTGCTGCAGTCCGGGGTCTGACCCCTCCAGGG
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 TCGTCTGTGCTGAGCTGACCCGCTGCTGTGTAATTCCATAGCATCCCAGGAAAGAGGTCCGGGAC
 CTGGGGCTGGTTGCTGCTGGTGGATGCACGAGGAGTCCAGCTGCCCTGCCGTCTCCAGGCCCTCTCA
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 TCCCTGAACACCCACAGAACCCCAAGAAGACGCCAGGAAGTCGCCGAGTTAATTGACCAGCATGAGACG
 ATGATGAAGCTTGTCTTGAAGACCCACTGCTTGTGTCTCTCAGGCTGGAGGGGGGACCCGTCCTGGCG
 CGGCTGAGGAGAGAAGAGCTTGGCACAGAAGACAGCCGGGACACCCTGGAGGCCGCCACAAGCCTGTAC
 GACCGAGTGGATGAGGAGGTGCACAGGCTGGTCTCACCTCGAACAATCGTCTCCAGCAGCTGGAGCAC
 CTCCGGGAGCTGGCGTCACTCTTGAAGGGAATGACCAGCAATCTGCCAGAAAGGACTACAGCTGGCG
 AAGGAGAACCCGCAACGTACAGAGGAAATGGTCCAGGATTTGAGAAGGGGCTGAGCGCCGTGGTCAGC
 CAGGCTAGTGCAGGGAGGGAGAGCTGGCCAGGTGGACCCGCTCGTCCGAGTTGTGCGGAGACGGTGAGC
 AGCTGGATGGGGCCCCTGGACCCGAGGCTTGTCCCTCTCACCCGTGGCTGAGTGTGAGGAGCTGT


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CACCAGGAGGCTACCTCGGTGGCTGCAGAGGCCTTCCCCGGGGCAGGTGTGGCAGTGCTGAAGCCTCAT
 GCCCTGGGGAAACCGTGGGCATCACAGCAAGACCTGTGGCTGCAGTACCCCCAGACCCGGCTCCGTCTG
 GAAGAGGCCCTTTCTGAGGCTGCCCCAGACCCAGCTTACCGCCCTTGGCCAGAGCCCCCAAAGCAT
 GAGCGTGGCCAGGAGGCCATGAGGAGGCACAGAACCCACCTCATTCCCCAGCAGGACAGTGGGGT
 GGTGCCTGGGAACCTGCGCAACCACTGTCCGGCCTCCCTGGACGAGCGCTTCTGTGTGGACAGGACGGG
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 GGGGCCACACGGCCACCTGGAGGACAGCTCTGCCTGTTCTCTGAGCCACCCAGACCTGGCCAGC
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 AGTCTGTCTCCCTCGGGCTCCACCCTGCTGAGGAGGATGGGAGGCAGAGTGGGCAGCAGCCGA
 CTGAGGCACATCATGGCCGAGATGATCGCCACAGAGAGGAGTACATTCCGTGCTTAGGATACGTCATT
 GACAACTATTTCCAGAAATGGAAGAATGGACTTGCCCCAGGGCCTTCGAGGGAAGCACCAGTTATT
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 CGGGAGCTAGGTGACAAAATGGACCTGGCCTCCTACCTGCTGCGGCCCGTGACGCTGTGGCCAAGTAC
 GCGCTGCTACTCCAGGACCTGCTCAAGGAGGCCAGCTGTGGCCTGGCCCAGGGGACGAGCTGGCGAG
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 ATCCGCGGCTGTGACGTGAATTTGAAGGAACAGGGGACGTGAGATGCCGGGATGAGTTTATCGTTTGC
 TGCGGGAGGAAGAAGTATCTGAGGCATGTGTTCTCTTTGAAGACCTCATCCTGTTTAGCAAGACCCAG
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 TTCATGGATGTCAAGCCAGAGACCGGACCCCTGACTGTGCAGTGATAAGCGACCGGGCTCCCAAATGT
 GCAGTGATGAGCGACCGAGTCCCCGACAGCATCGTCAAGGGCACAGAGTCACAAATGAGAGGGTCCACA
 GCGGTGTCTCTCTGACCACGCCGCCCTTCAAGCGACCACTCCACCATCTCAGACAGCAGCACC
 TCCTCTTCTAGCAGCCAGTCTCTCCATCCTGGGGTCTGCTGGGCTGCTTGTGTCTCCAGCCAGCC
 CACCCGGGCTATGGAGCCCTGCCACAGCCCTGGTCATCTGATATCAGAGCTGCGTCGAGGAAGAT
 GAGCCAGAGCCAGAACTAGAGACGGGCACCCAGGCTGCAGTGTGTGAGGGGGCTCCTGCTGTGCTGCTG
 AGCCGCACACGCCAGGCC TGA
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	Sgfl-MluI
ACCN:	NM_052909
Insert Size:	3816 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_052909.3](#)

RefSeq Size: 11529 bp

RefSeq ORF: 3816 bp

Locus ID: 153478

UniProt ID: [Q96PX9](#)

Cytogenetics: 5p15.33

MW: 139.7 kDa

Gene Summary: This gene encodes a large protein that contains a pleckstrin homology domain and may function as a guanine nucleotide exchange factor. [provided by RefSeq, May 2017]