

Product datasheet for **SC302460**

PLEKHG1 (NM_001029884) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PLEKHG1 (NM_001029884) Human Untagged Clone
Tag:	Tag Free
Symbol:	PLEKHG1
Synonyms:	ARHGEF41
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC302460 representing NM_001029884. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTCTGACTG
GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
ATGGAGCTCTCTGATAGTGACCGACCCGTGAGCTTCGGTTCCACATCATCCTCGGCCTCTTCCCGCGAC
AGCCATGGTTCCTTCGGCAGCAGAATGACCTTAGTTTCAAATAGCCACATGGGCTTGTTAAACCAGGAT
AAGGAGGTAGGGGCCATAAACTGGAGCTGATTCTGCCAGGCCGTTTCCAGCAGCGAGCTGCAGAGG
GACAACCCCGCCACGGGGCAACAGAACGCGGATGAGGGCAGCGAAAGGCCACCCAGAGCGCAGTGGAGA
GTGGACTCAAACGGGGCACCAAGACGATCGCAGACTCGGCCACGAGCCCAAGCTCCTCTATGTGGAT
AGAGTTGTTGAGGAAATCTGGAACCGAAAGGACTTATGTACAAGATTTAAAAGCATCGTAGAGGAT
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AACATACAGGATATCTACCACTTCAATAGTGAACCTTCTGCAAGATTTGGAAGAACTGTGAAATGATCCT
GTGGCCATAGCAGAGTGTTTGTGTCCAAGAGTGAAGAGTTCCACATTTATACCCAGTATTGCACTAAC
TATCCAAGGTCCGTGGCTGTGCTAACAGAGTGTATGAGGAACAAGATACTGGCCAAATCTTCAGGGAG
CGTCAGGAAACTCTGAAACACTCGCTGCCTCTGGGGTCTATCTCTTGAACCAAGTTCAGCGGATTCTC
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AAGCTGTGCTCATCACGAAGAAGAGAGATGACACGTTTACATACAAAGCTCACATCCTGTGTGGCAAC
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CCTGCCAGAGAAATAGTCAGCCTAGCAGTTCTACCATGATCAGCGTGCTTCGAGCGGGTGGAGCTCTC
AGAAACATCTGGACCGATCACCAGATCAGGCAAGCCTTGTTCAGCCGACGGTCCCGCAGGAGAAT
GAGGATGATGAAGATGATTATCAGATGTTCTGCGCCGTCATTTCTCCTCAGATCTGAACCTACCGA
CTATGTGAAGATAGCACTTCTAGTCGCCCTGCAGCTGGCATATGGGACAGATGGAGTCCACAGAGACC
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TGGGCCAGCCCTCAAGAATCCTCCTCCTGAGGTCTGTGTACCTTCCAGGTCCACCATGGTAGTGGA
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CAGCCCAACAAAGAGAACTGGTGTGAGGACCATCTTACAACCTTGGGTGGAAAGGGATCAGCGCT
AAATCTCAGCCTTATCAGAGTCCAGTCATCTCCTCCGCTTGATCAACAAATCAATGGATTCCATC
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CAGGACTTGCTGCCAGATATTGCTGACTCGCATCAACAGGGCACTGAAAACTCTCAGATCTCACACTC
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TATTTTCCAATTTCAAAGAGACTGATGGAGATGAAGTAGTATGTGGAATCAAGTCAGAAGAAGAT
GAGTCGGAGTTGGAGCTATCTACAATCGTAGAAGGAAATCTGACTCAAAGTTTGTGGATGCTGACTTT
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AACAGCAAATTTGGCCTTTCACCATATCTGACACCATATAATGATTCTGACAACTGAATGACTATCTT
TGGAGGGGGCCATCTCCCAATCAACAAATATTGTCCAGTCTCTAAGGGAAAAATTCAGTGTCTCAGT
TCAAGCAGCTTTGCTTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:

SgfI-MluI

ACCN:

NM_001029884

Insert Size:

4158 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:	<u>NM_001029884.2</u>
RefSeq Size:	7237 bp
RefSeq ORF:	4158 bp
Locus ID:	57480
UniProt ID:	<u>Q9ULL1</u>
Cytogenetics:	6q25.1
MW:	155.4 kDa