

Product datasheet for SC316749

PLEKHA2 (NM_021623) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PLEKHA2 (NM_021623) Human Untagged Clone
Tag:	Tag Free
Symbol:	PLEKHA2
Synonyms:	TAPP2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC316749 representing NM_021623. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
 ATGCCTTATGTGGATCGGCAGAACCGAATCTGTGGTTTCTGGACATCGAGGAGCATGAGAACAGCGGC
 AAGTTTCTGCGGAGGTACTTCATTCTGGACACCCAGGCTAACTGCCTCCTCTGGTATATGGACAACCCC
 CAGAATCTGGCAATGGGGCAGGAGCTGTTGGAGCTTTGCAGCTGACCTACATCTCGAAGGTGAGCATA
 GCTACCCCAAAACAGAAACCAAACTCCATTTTGCTTTGTTATCAATGCCCTGTCTCAGAGATATTTT
 CTTCAAGCCAATGATCAGAAAGATATGAAGGACTGGGTTGAAGCCCTGAACCAAGCCAGCAAGATCACC
 GTTCCCAAAGGTGGGGCCTACCATGACCACTGAAGTTCTCAAGAGCTTAGCAGCTCCTCCAGCCCTG
 GAGAAGAAGCCACAGGTGGCCTACAAGACGGAGATCATTGGAGGGGTGGTGGTCCACACCCCATCAGC
 CAGAACCGTGGGGATGGGCAGGAAGGGAGTGAGCCCGGGTCCCACACCATCCTTCGAAGGTCTCAGAGT
 TACATCCCCACGTCAAGCTGCCGTGCTTCCACTGGGCCTCCCCTCATTAAAGAGTGTTACTGCGTGAAG
 CAAGGGAATGTGCGGAAGAGCTGGAAACGTGCTTCTTTGCACTTGATGACTTTACCATCTGCTACTTC
 AAGTGTGAGCAGGACCGAGAACCACTGCGCACCATATTTCTTAAGGATGTTCTGAAGACCATGAATGT
 CTGGTCAAGTCTGGTGATCTCTTAATGAGGGACAACCTGTTTGAATAATAACAAGCTCCAGGACCTTC
 TACGTACAGGCAGACAGTCCAGAAGACATGCACAGCTGGATTAAGGAGATTGGCGCAGCTGTCCAGGCC
 CTCAAGTGCCACCCAGAGAAACGTCTTTTCTAGATCCATTTCTTTGACCCGACCTGGAAGCTCCAGC
 CTTTCAAGTGGGCCCAACTCTATCCTGTGCAGGGGGCGGCCACCTTTGGAGGAAAAGAAAGCCCTCTGC
 AAAGCCCCCTCTGTGGCCTCCTCCTGGCAGCCCTGGACACCTGTCCCCAGGCTGGGGAGAAGCTGCTT
 CCACCTGGAGACACTTCAGAGGACTCCTTGTTACGCCTCGTCTGGGAGGGCAGCGCTCCTGGGGTG
 CTGCCAGCTCCCGGATAAGGCACAGATCGGAGCCCCAGCACCCAAGGAGAAGCCGTTTATGTTCAAC
 CTTGATGATGAAACATACGGACCTCTGATGTG**TGA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC


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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_021623
Insert Size:	1278 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_021623.1</u>
RefSeq Size:	5656 bp
RefSeq ORF:	1278 bp
Locus ID:	59339
UniProt ID:	<u>Q9HB19</u>
Cytogenetics:	8p11.22
MW:	47.2 kDa
Gene Summary:	Binds specifically to phosphatidylinositol 3,4-diphosphate (PtdIns3,4P2), but not to other phosphoinositides. May recruit other proteins to the plasma membrane (By similarity). [UniProtKB/Swiss-Prot Function]