

Product datasheet for SC316500

PHYHIP (NM_001099335) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PHYHIP (NM_001099335) Human Untagged Clone
Tag:	Tag Free
Symbol:	PHYHIP
Synonyms:	DYRK1AP3; PAHX-AP; PAHXAP1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC316500 representing NM_001099335. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGGAGCTGCTGTCCACGCCCCACAGCATTGAGATCAACAACATCACCTGCGACTCCTTCCGCATCTCC
 TGGGCCATGGAGGACAGTGACCTGGAGAGGGTCACCCATTACTTCATTGACCTTAACAAGAAGGAGAAT
 AAGAATTCCAACAAGTTCAAGCACCGGGACGTCCCAACCAAGCTCGTGGCCAAGGCAGTGCCGCTGCC
 ATGACGGTGAGAGGCCACTGGTTCTGAGCCCCGCACGGAGTACAGTGTGGCCGTGCAGACGGCAGTG
 AAGCAGAGCGATGGGAGTACCTGGTGTCCGGCTGGAGCGAGACGGTGGAGTTCTGCACTGGGATTAT
 GCCAAGGAGCACCTGGCTCAGCTTCAGGAGAAAGCTGAGCAGATCGCAGGCCGCATGCTCCGCTTCTCC
 GTCTTCTACCGCAACCATCACAAGGAGTACTTCCAGCATGCCAGGACCCACTGCGGGAACATGCTGCAG
 CCTTACCTGAAGGACAACAGCGGCAGCCACGGCTCCCCACACGCGGTATGCTCCACGGGTCTTCTTC
 AGCTGCAACACGGAGTTCAACACGGGCCAGCCCCGCAGGACTCCCCCTACGGCCGCTGGCGCTTCCAG
 ATCCCAGCTCAGCGCCTCTTCAATCCCAGCACCAACCTCTACTTTGCGGACTTCTACTGCATGTACACG
 GCCTACCACTACGCCATCCTGGTGTGGCGCCAAAGGCTCCCTGGGGGACCGCTTCTGCCGCGACCGC
 CTGCCCCCTCTGGACATTGCTTGCAACAAGTTCTGACCTGCAGCGTGGAGGATGGGAGCTGGTCTTC
 CGCCACGCCCAGGACCTCATCTGGAGATCATCTACACTGAGCCCGTCGACCTGTCCCTGGGCACCTG
 GGGGAGATCAGTGGGACACAGTCATGAGTCTGTCTACTGCCGATGCCAAGAAGGACCCAGCTGCAAG
 ACCTGCAACATCAGCGTGGGCCG**CTAG**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001099335
Insert Size:	993 bp


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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_001099335.1</u>
RefSeq Size:	3354 bp
RefSeq ORF:	993 bp
Locus ID:	9796
UniProt ID:	<u>Q92561</u>
Cytogenetics:	8p21.3
MW:	37.6 kDa
Gene Summary:	Its interaction with PHYH suggests a role in the development of the central system. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript. Variants 1 and 2 encode the same isoform.