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Product datasheet for SC127037

PHIP (NM_017934) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PHIP (NM_017934) Human Untagged Clone
Tag:	Tag Free
Symbol:	PHIP
Synonyms:	BRWD2; CHUJANS; DCAF14; DIDOD; ndrp; WDR11
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>OriGene sequence for NM_017934 edited
GGCCGTAGTCGCTGCCTGAGAGTTGTTGTTTCCTCCTCCTCCTCCTCCGCCTCCGCCGCC
GTTGCTTGAATGGTGGAGCCGAAGCTCGGCTCGTGAACACACACTGACAGCTATAGGGCA
GGCGGCGGCACCGTCCCCGCTTCCCCTCGGCGGCGGGGTGTCCCGTCGGCGGCCCTGAAG
TGACCCATAAACATGTCTTGTGAGAGGAAAGGCCTCTCGGAGCTGCGATCGGAGCTCTAC
TTCCTCATCGCCCGGTTCCTGGAAGATGGACCCTGTCAGCAGGCGGCTCAGGTGCTGATC
CGCGAGGTGGCCGAGAAGGAGCTGCTGCCCCGGCGCACCGACTGGACCGGGAAGGAGCAT
CCCAGGACCTACCAGAATCTGGTGAAGTATTACAGACACTTAGCACCTGATCACTTGCTG
CAAATATGTCATCGACTAGGACCTCTTCTTGAACAAGAAATTCCTCAAAGTGTTCCTGGA
GTACAAACTTTATTAGGAGCTGGAAGACAGTCTTTACTACGCACAAATAAAAGCTGCAAG
CATGTTGTGTGGAAAGGATCTGCTCTGGCTGCGTTGCACTGTGGAAGACCACCTGAGTCA
CCAGTTAACTATGGTAGCCCACCCAGCATTGCGGATACTCTGTTTTCAAGGAAGCTGAAT
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AAACGAATTCTTGGACACTTGTCATCTGTGTACTGTGTAACTTTTGATCGAACTGGCAGA
CGGATATTTACTGGTTCTGATGACTGTCTTGTGAAAATATGGGCAACAGATGATGGGAGG
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AATACCATGATAGCAGCTGGAAGTTGTGATAAAATGATCCGAGTCTGGTGTCTTCGAACC
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GGAATAGAAGATAAAATCACAAAAATGAAGGTTACTATGGTAGCTTGGGATCGACATGAC
AATACAGTTATAACTGCAGTTAATAACATGACTCTGAAAGTTTGGAATTCTTACACTGGT

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CAACTAATTCATGTCCTGATGGGTCATGAAGATGAGGTATTTGTTCTTGAACCACACCCG
TTCGATCCTAGAGTTCTCTTTTCTGCTGGTCATGATGGAAACGTGATAGTGTGGGATCTG
GCAAGAGGAGTCAAAATACGATCTTATTTCAATATGATTGAAGGCCAAGGACATGGCGCA
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CAGTTAAGGAATAAGTAGAACTAAGGCTTCTGCTTCCTTGCTGCTGTGGTGGAGTAGGGA
ATGTTATGATTTGATTTGCAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_017934

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:
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_017934.4, NP_060404.3

RefSeq Size: 5817 bp

RefSeq ORF: 5466 bp

Locus ID: 55023

UniProt ID: Q8WWQ0

Cytogenetics: 6q14.1

Domains: BROMO

Protein Families: Druggable Genome

Gene Summary: This gene encodes a protein that binds to the insulin receptor substrate 1 protein and regulates glucose transporter translocation in skeletal muscle cells. The encoded protein may also regulate growth and survival of pancreatic beta cells. Elevated copy number of this gene may be associated with melanoma severity and the encoded protein may promote melanoma metastasis in human patients. [provided by RefSeq, Oct 2016]