

Product datasheet for SC324182

RHPN1 (NM_052924) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RHPN1 (NM_052924) Human Untagged Clone
Tag:	Tag Free
Symbol:	RHPN1
Synonyms:	ODF5; RHOPHILIN; RHPN
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_052924.2

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CGCGGCCAGGTGGTGC GGCGGCCCTAGCCCGGCTGCGGAGCGCTGCGGAGCGGCGGG
CTGGCTGACCCCGAGGGACCCCGAGCGCAGCGGTGCGGCGATGATCCTGGAGGAGAGGC
CGGACGCGCGGGCGCGCGGCGAGGAGAGCGCGGCTGCAGGGCTGTGACTCCCTGACGC
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CACTGGCCAAGTATGCGGAGCTCGACCGTGAGGATGACTTCTGTGAGGCTGCCGAGGCC
CGGACATCCAGCCTAAGACCCACCAGAAGCCAGAGGCCAGGATGCCACGCTGTCCAGG
  
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GGAAGGGGCTGACATCTTCCATCGGCTGGGGCCCTGTCTGTGTTCTCAGCCAAGAACC
 GGTGGCGGCTGGTGGGGCCCGTCCACCTGACCCGAGGAGAGGGCGGCTTTGGCCTCACGC
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 CCAGCCCTCCCCAGCCTGCTTGGGCCACTCCTGCTGGCCTCCACAGGCCGTGAGCTGTCA
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 TTAATAAACTGTGGATCAAGGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AA

Restriction Sites: EcoRI-NOT

ACCN: NM_052924

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_052924.2, NP_443156.2</u>
RefSeq Size:	3795 bp
RefSeq ORF:	2013 bp
Locus ID:	114822
UniProt ID:	<u>Q8TCX5</u>
Cytogenetics:	8q24.3
Domains:	HR1, PDZ, BRO1
Gene Summary:	Has no enzymatic activity. May serve as a target for Rho, and interact with some cytoskeletal component upon Rho binding or relay a Rho signal to other molecules.[UniProtKB/Swiss-Prot Function]