

Product datasheet for **RN204555**

Phtf2 (NM_001106577) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Phtf2 (NM_001106577) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Phtf2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN204555 representing NM_001106577
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGTCCAGATCACAGATGCTATAGTCTGGTATCAGAAGAAGATCGGAGCCTATGATCAACAAATAT
 GGGAAAAGTCTGTTGAACAAAGAGAAATCAAGGGCTTAAGGAATAAACCAAAGAAAACAGCACATGTGAA
 ACCAGACCTCATCGACGTTGATCTTGTGAGAGGGTCTGCATTTGCTAAGGCAAAGCCTGAAAAGTCTTGG
 ACGGCTCTGACTAGAAAAGGGATTGTTGAGATTGTTTTTCCCTTCTTCTTCCGGTGGTGGCTACAAG
 TGACATCGAAGGTCATCTTCTCTGGCTTCTTGTCTCTATCTTCTTCAAGTTGCTGCAATAGTGTATT
 CTGTTCCGCCCTAGCCCGCATAGCATACTCTAACTGAAGTGATTGGGCCAGTATGGCTGATGCTGCTG
 CTGGGAAGTGTGATTGCCAGATCGTGTCAACGAGAACACCCAAACCTCCTTAAGCACAGGCGGTAAAA
 GAAGAAGGAAATTAAGGAAAGCAGCCATTTGGAGGTCCACAGGGAAGGAGACGGTTCTAGCACACAGA
 CAACACCCAGGAGGGAACGGTGCAGAGTCCCGGCGCAGGCGCCCTTACAGTGTGGGCTCGGTCTTCA
 GATCTCTGGCACGCGCCTTCTCTTATCAGGGTCAAAGAAGACAAAGAATTCATTGATAAGTCAACTG
 AGACTGACAATGGCTATGTGTCCCTGGATGGGAAGAGGACTGTAAAAAGCAGCGAGGATGGAGCACAGGA
 CCATGAGCCTCAGTGTGAAACATTTCGGCCAGAAGACACCCGCTGGGCCACACGAACGCCAGGAGTGT
 CCTGCCAAAGTGCCTAAAGAAAGATAACAAATGTCTCTGATGAAGTATCCAGTGAAGGAGGTCCTGAAA
 CAGGATACCCATCACGCTGTCTGTTGGGACAGAAGTCCGAAAGCGGTCTTCGAAATAGAAAGCCACACCA
 TTATAAAAAGCATTACGCAAATGAGGATGCCCTAAATCGGGTACTAGTGCAGCTCTCGCTGTTCAAGT
 TCCAGACAGGATTCTGAGAGCACAAGGCCAGAATCTGAACTGAAGATGTATTATGGGAAGACTTGTAC
 ATTGTGCAGAATGCCGCTCCTCCTGTACCAGTGAGACAGATGTGGGAAATCCTCAGATAAATCCATGTGG
 GAAAAAAGAATATAGAGACGACCCCTTCCATCAGACTCATTTACCCTGGCTTCATAGTCCCACCCGGGA
 TTAGAAAAATCAGTGCTATAGTGTGGGAAGGCAATGACTGTAAAGAAAGCAGACATGTCCGTAAGTGA
 TCAGTGGGATGATCGTGAACAACACGTAACCGGCATAGGGTACCAGATCTTTGAAATGCTGTCTCCCT
 GATCCTGGGCTTACCCCATTTGTTTTCCGACTGTCAAGCCACAGACTTGGAGCAGCTCACAGCCCAC
 TCTGCCTCAGAACTTTATGTGATTGCATTTGGCTCGAAGCAAGATTTTATGTTCTGTCTATGGTCTGA
 TAAGTTTTGTGGTTCGCGTGTCTTGTATGGATCTTCTTCTTTCTGCTGTGTAGCAGAGAGAACATA
 TAAGCAACGATTACTCTTTGCAAACTCTTTGGACATTTGACATCTGCAAGGAGAGCTCGGAAATCTGAG
 GTTCTCATTTCGGTTGAAGAAAGTACAGAATATAAAAATGTGGCTGTCTCTCCGTTCTATCTTAAGC
 GCCGAGGCCCTCAGCGGTCCGTGGATGTATCGTCTCATCCGCTTCTTACTGACAACTCCGTCGTGTT
 CGTCTGCTGTGCTCAGCTGCTCCAGTGCATGAGATCTTCTCGACTGTCACTACAAGTGGAGCTGGCG
 ATCTGGTGCATCTCCCTGTCACTGTTTCTCCTGAGGTTTGTCACTCTCGGATCAGAAACCAGCAAAAAAT
 ACAGCAATACCTCAATTAATCTCACAGAGCAGATAAACCTCTACTTGAAGTGGAGAAGAAACCTAACAA
 GAAGGAGGAGCTGACCCTTGTGAACAATGTTTTAAAGCTGGCTACTAAGCTACTAAGGAGCTGGACAGT
 CCCTTCAGGTTGTACGGACTACAATGAACCACTGCTATACAACATCACCCAGGTTGTCATCTGTTCAG
 CTGTCTCCGGTGTCAAGTGACTTGCTTGGATTAATTTAAAGCTGTGGAAGATCAATCATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001106577

Insert Size: 2235 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).

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:	<ol style="list-style-type: none">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_001106577.1, NP_001100047.1</u>
RefSeq Size:	4778 bp
RefSeq ORF:	2235 bp
Locus ID:	296762
Cytogenetics:	4q11