

## Product datasheet for **SC305597**

### PPPIR3F (NM\_033215) Human Untagged Clone

#### Product data:

<b>Product Type:</b>	Expression Plasmids
<b>Tag:</b>	Tag Free
<b>Symbol:</b>	PPPIR3F
<b>Synonyms:</b>	HB2E; LLOXNC01-7P3.1; R3F
<b>Mammalian Cell Selection:</b>	Neomycin
<b>Vector:</b>	pCMV6-Entry (PS100001)
<b>E. coli Selection:</b>	Kanamycin (25 ug/mL)
<b>Restriction Sites:</b>	Sgfl-XhoI
<b>ACCN:</b>	NM_033215
<b>Insert Size:</b>	2400 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	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.
<b>Components:</b>	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).



<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>Note:</b>	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
<b>RefSeq:</b>	<a href="#">NM_033215.4</a>
<b>RefSeq Size:</b>	3448 bp
<b>RefSeq ORF:</b>	2400 bp
<b>Locus ID:</b>	89801
<b>UniProt ID:</b>	<a href="#">Q6ZSY5</a>
<b>Cytogenetics:</b>	Xp11.23
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>MW:</b>	82.8 kDa
<b>Gene Summary:</b>	<p>This gene encodes a protein that has been identified as one of several type-1 protein phosphatase (PP1) regulatory subunits. One or two of these subunits, together with the well-conserved catalytic subunit, can form the PP1 holoenzyme, where the regulatory subunit functions to regulate substrate specificity and/or targeting to a particular cellular compartment. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2010]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>