

## Product datasheet for **RG225719**

### PIP3E (IPCEF1) (NM\_001130700) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	PIP3E (IPCEF1) (NM_001130700) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	IPCEF1
Synonyms:	PIP3-E
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG225719 representing NM_001130700 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGACATCATACATGGCTATTGATGGCAGTGCTCTTCAGGTTCCCTTGCCTCAGAAGCCAGGAGGAAAA  
CTCAAGGTTTTCTCAGCATGAGTCGGAGGAGGATATCGTGTAAGATCTGGGCCATGCTGACTGCCAAGG  
GTGGCTGTATAAGAAAAAGGAAAAGGGAAGTTTCCCTAAGCAACAATGGAAAAAGTTCTGGGTGATACTG  
AAGGGTCTGACTGTACTGGTATAGCAATCAAATGGCAGAGAAAGCTGATGGATTTGTCAACCTGCCTG  
ATTTCACTGTGGAAAGAGCATCTGAATGCAAGAAAAGCATGCTTTTAAGATCAGCCATCCACAGATCAA  
GACCTTTATTTTGCAGCTGAGAATGTGCAGGAAATGAACGTGTGGTTAAATAAACTTGGATCGGCTGTA  
ATCCATCAGGAATCCACTACAAAGGATGAAGAATGTTACAGTGAAAGTGAACAGGAAGATCCAGAAATAG  
CTGCGGAGACACCACCCCTCCTCACGCTTCCCAGACTCAGTCTTTGACTGCACAGCAGGCATCTTCATC  
CTCACCCAGCCTGAGTGGAACGTCGATTTCTTTCTTCCCTGGAAAATACAGTGAAGACACCCAGCAGT  
TTTCTTCTCCTTATCTAAAGAGAGACAATCCTTGCCTGACACAGTTAACAGTTTGTCTGCTGCTGAAG  
ATGAGGGACAACCAATAACGTTTGTGTGCAAGTTCATTACCTGTACCCTCAGAGGCAGGCATCCACAA  
GGCCCTGGAAAACAGTTTTGTACATCAGAAAGTGGATTTTTGAAGTCTTTATCTAGTGATGATACTTCT  
TCATTGAGTAGCAATCATGACCATCTTACTGTCCAGATAAGCCCTGCTGGATCAAAGATCATGGACAAAG  
AAGAGACAAAAGTGTCTGAAGATGATGAAATGGAGAAGCTGTACAAATCATTAGAGCAAGCTAGTCTATC  
TCCTCTTGGGGACCGACGACCTTCGACTAAAAAGGAGTTGAGAAAATCCTTTGTTAAGCGGTGTA AAAAT  
CCATCTATAAACGAGAACTCCACAAAATCCGAACATTGAATAGCACATTAAGTGTAAAGAACATGATC  
TGGCCATGATTAACAGTTGCTGGATGACCCGAAGCTGACAGCCAGGAAATACAGAGAGTGGAAAGTCAT  
GAACACCTGCTGATCCAGGACATCTATCAGCAGCAGCGGGCTTCGCCTGCCCTGATGACTGATGAC  
ACCCCCAGGAATCAAGAAATCACCTTCTTCTCCCTCTGTTGAAAATCCATT

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG225719 representing NM\_001130700  
 Red=Cloning site Green=Tags(s)

MTSYMAIDGSALQVPLRQKPRRKQTQGLTMSRRRISCKDLGHADCQGWLYKKKEKGSFLSNKWKKFWVIL  
 KGSSLYWYSNQMAEKADGFVNLPDFTVERASECKKKHAFKISHPQIKTFYFAAENVQEMNVWLNKLGSAV  
 IHQESTTKDEECYSESEQEDPEIAAETPPPPHASQTQSLTAQQASSSSPSLSGTSYSFSSLENTVKTSS  
 FPSSLSKERQSLPDTVNSLSAAEDEGQPIITFAVQVHSPVPSEAGIHKALENSFVTSESGFLNSLSSDDTS  
 SLSSNHDHLTPDKPAGSKIMDKETKVSSEDEMEKLYKSLEQASLSPLGDRRPSTKKELRKSFVKRCKN  
 PSINEKLNKIRTLNSTLKCKEHLAMINQLLDDPKLTARKYREWKVMNTLLIQDIYQQQRASPAPDDTDD  
 TPQELKKSPSSPSVENSI

TRTRPLE - GFP Tag - V

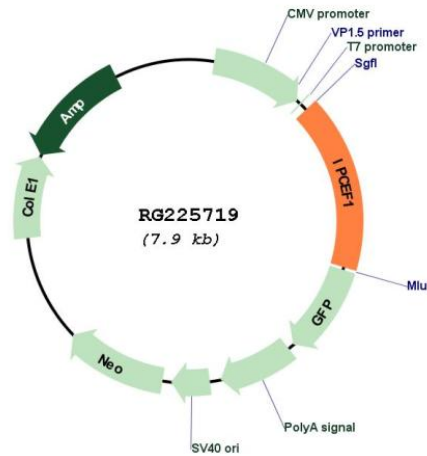
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM\_001130700

<b>ORF Size:</b>	1314 bp
<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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>RefSeq:</b>	<a href="#">NM_001130700.1</a> , <a href="#">NP_001124172.1</a>
<b>RefSeq Size:</b>	6818 bp
<b>RefSeq ORF:</b>	1317 bp
<b>Locus ID:</b>	26034
<b>UniProt ID:</b>	<a href="#">Q8WWN9</a>
<b>Cytogenetics:</b>	6q25.2
<b>Gene Summary:</b>	Enhances the promotion of guanine-nucleotide exchange by PSCD2 on ARF6 in a concentration-dependent manner.[UniProtKB/Swiss-Prot Function]