

## Product datasheet for **MC229161**

### Invs (NM\_001281977) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Invs (NM_001281977) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Invs
Synonyms:	inv; Nphp2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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## Fully Sequenced ORF:

&gt;MC229161 representing NM\_001281977

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGAAACTCTTACTTACTCGAAGAGCAAACCTGGATGCAGAAGGATCTAGAAGAGATGACACCTTTGCACC  
TGAGACTCGGCACAGGAGCCCCAAGTGTCTAGCTCTTCTGCTGAAGTTTATGGCCCTGGGAGGTGGA  
TACACAGGACAAAAACAAGGACGCTGCCCGACAGAGTCTTTACTGAACTGGCAAGACTACGAGGGCCGC  
ACACCTCTGCACTTTGCTGTCGCTGATGGAACCTAACGGTGGTGGATGTCTTGACCTCCTATGAAAGCT  
GCAACATAACGCTTACGATAACTTATTTGCAACCCCACTTCACTGGGCAGCCTTACTAGGTCATGCACA  
GATTGTCCATCTCCTTCTAGAAAGAAACAAGTCTGGAACGATCCCTTCGGACAGCCAGGGAGCAACACCC  
TTGCATATGCAGCTCAGAGTAACTTTGCTGAAACGGTCAAAGTGTTTTTGCAGCATCCTTCAGTGAAGG  
ATGATTCTGACCTGGAAGGAAGAACATCTTTCATGTGGCAGCAGGAAAAGGCAATGACGACGTGCTCAG  
GACGATGTGAGTCTAAAGTCAGACATCGACATTAACATGTCGGACAAGTACGGAGGCACAGCTTTACAC  
GCCGCTGCCCTTCTGGCCACGTGACACCGTGAAGTTATTATTGGACAATGATGCTCAAGTGGATGCCA  
CTGACGTCATGAAACATACTCCACTGTTCCGAGCCTGTGAGATGGGACACAGAGATGTGATTTCAGACGCT  
TATTAAGGTGGAGCACGAGTAGATCTGGTTGACCAGGACGGACATTCGCTTCTACACTGGGCAGCGCTG  
GGGGAAATGCTGACGTCTGCCAGATACTGATAGAAAAAAGTCAACCCAAACGTGCAGGATTATGCAG  
GAAGAACACCGCTTCAGTGTGCTGCGTACGGAGGTACATCAACTGTATGGCTGTGCTCATGGAGAATAA  
TGCAGACCCCAACATCCAAGACAAGAGGGACGAACAGCTTTCAGTGGTCTGTAAACAATGGTACCTT  
GATGCCATTAACACTGCTAGATTTTGTGCTTCCCTAATCAGATGGAGAACAATGAGGAGAGGTACA  
CACCCCTTGATTATGCATTGCTTGGTGGCAGCCATGAGGTGATCCAGTTTATGCTGGAACATGGTGCCT  
GTCCATCGCAGCTATACAAGACATCGCTGCTTCAAATCCAAGCAGTCTACAAAGGATACAAGGTCAGA  
AAAGCCTTCCGAGACCGGAAGAACCTCCTCATGAAGCACGAACAGCTGAGGAAAGACGCTGCAGCCAAAA  
AACGGGAAGAGGAAAACAAGAGGAAGGAAGCTGAACAGCAGAAAAGGGCAGCTGGACACCGATCCTCCAG  
ATCCCACTGCAGTTCATCTGCACCTGTCTCCCTGTCCACCCAGCCCCAGAATGAGGCCAGCAAGCAG  
GACGCAACCCCTAGCAAACAGCCACCTGTAGCCACACAGTCCAGAGCCCTGACCCAGAACACAGCAGGC  
CTCCAGGCAGATGTCCAGGCAGAGCCTCCCAAGGGGATTCTTCCATAGACCTTCAGGGAACGGCCTCCAG  
AAAGCCAAGTGAACACCCATAGAGCACTGCAGAGGCCCTCTGCCTGTGTGCACCCAGATCCTGGGAA  
GGTGGCAACAGCTCCAAGAACCAGGGAACATCCTCTGTGGAGAAGCGCAGAGGTGAGACCAATGGCAAC  
ACCGGAGGTGTGAGGAGGGGCCAGCAGCGCCAGGCAGCCCTTGTGCACTGGGTCAAGGCCGCTGCTGA  
GAAAGGAGAGGACTCCAGCCCTGCAGTTGCAAGTGTCTCCAGCAGGACCACCCAGGAAGCCAAATAAG  
AGACAGGACAGGGCAGCCAGGCCAGAGGTGCTTCGCAGAAAAGACGCACCCATCAGCTCAGAGACAGGT  
GCTCCCCAGTGGGTCCAGCCGGCTGGCAGTGCCAAGGGGGAAGTTGCCTGTGCTGATCAGAGTTCTCT  
CCACCGTCACACACCAAGAAGCAAGGTGACCCAGGACAAGCTTATAGGAGGGTCTCCTCAGGTTTGCCG  
CTCAGCACAGAAGCGTCGAGGTCAGGATGCAAGCAGCTTATGAGGACATCTGTGCATCTCCAGAGACTG  
GCGTGGCTCATGGCCCCCACCCTGGACAGTGTATGAATATCACCTTCTCCTGTAGAGCAGCGCCTGCT  
GATAATCCAGAGGGAACGAAGCAGGAAAGAGCTGTTTCGACGAAAAACAAGGCAGCGGGGCTCATCCAG  
CGAGCTTGGCGAAGCTACCAAGTCAAGGAAACCTGTCTCGGCTTCTGCATTTGAAGCAGCTTGGAGCCA  
GAGAAGTGTCTCAGATGTACCAAGTGTGCACAGCCCTGCTCCTCAGGTTTGGAGAAAAGAACTGGAAC  
CAAATTCCAAAGTCCATCTCAGTAAGCAGGACATCGAAGAGTCCATCCAAAGGCTCGTCGGCCACAAAAG  
TATGCCAGGCACTCAGTGTCTCAGGCAGATCTACGGTTGTTCTCAAGAAGGGAAAGGACATCATCCCATCA  
AATCTTCTAAAGCCCCGCTGTGCTTCTCAGCTCAGTGAACAGTTTGCAGTCTATACATCTTGACAA  
CAGTGGAAAGATCAAAGAAGTTCTCTTACAATCTGCAACCATCCAGTCAATCAAAAAACAAGCCAAAGCTT  
TAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

## Restriction Sites:

SgfI-MluI

<b>ACCN:</b>	NM_001281977
<b>Insert Size:</b>	2733 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>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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>	<u>NM_001281977.1, NP_001268906.1</u>
<b>RefSeq Size:</b>	5622 bp
<b>RefSeq ORF:</b>	2733 bp
<b>Locus ID:</b>	16348
<b>Cytogenetics:</b>	4 26.11 cM